

10
Zeichnungen zur Vorlesung:

20
„Die speciellen Methoden der Zuckerfabrikation“.

(Prof. Dr. Max Müller.)

78
Herzogl. techn. Hochschule, Braunschweig.

UB Braunschweig 84

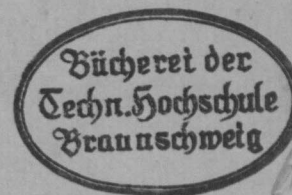


3202-085-4

3202-085 4

~~IV. 6. 1359.~~

A. 2x.



Die Fortpflanzung der Rübe ohne Samen.

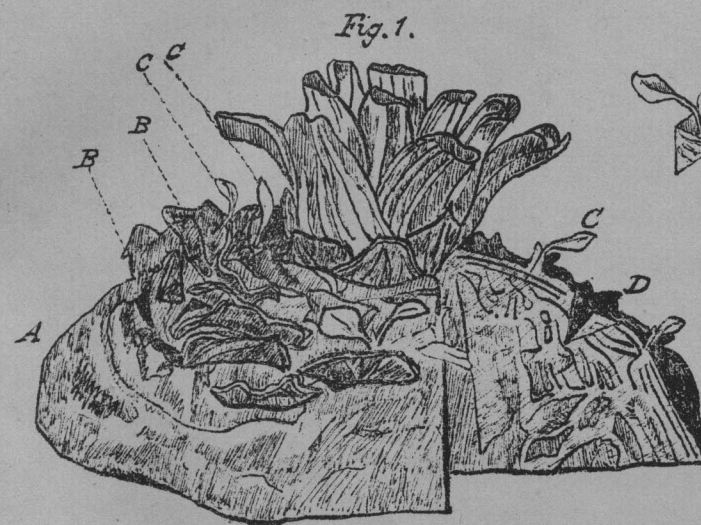


Fig. 1.

nat. Grösse.

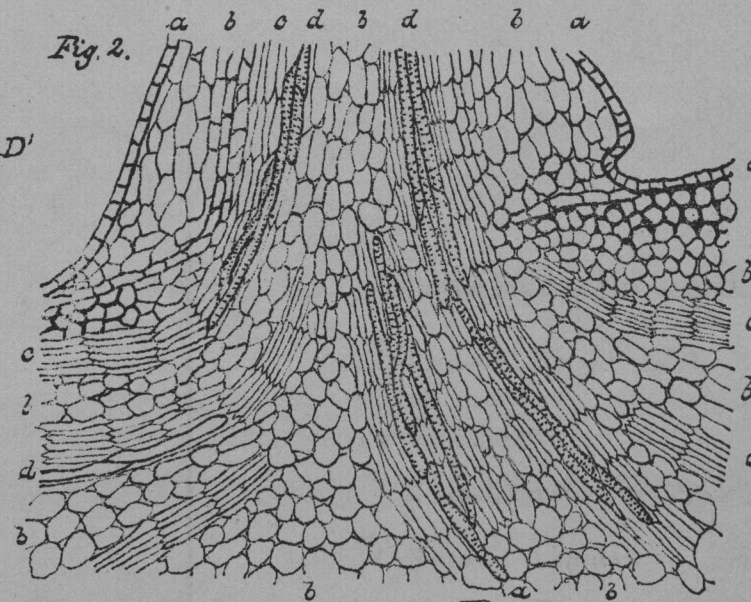


Fig. 2.

Fig. 3.



nat. Grösse.

Fig. 1. Rübenkopf.
C'u. D. Adventif.,
knospen.

Fig. 2. Radialdurchschnitt „
schnit durch D.

Fig. 3. Knospe. 16 Tage alt.

Fig. 4. Knospe. 46 Tage alt.

Fig. 5. Knospe. 96 Tage alt.

Fig. 6. Asexualrübe. 396 gr.

Fig. 7. Asexualrübe. 302 gr.

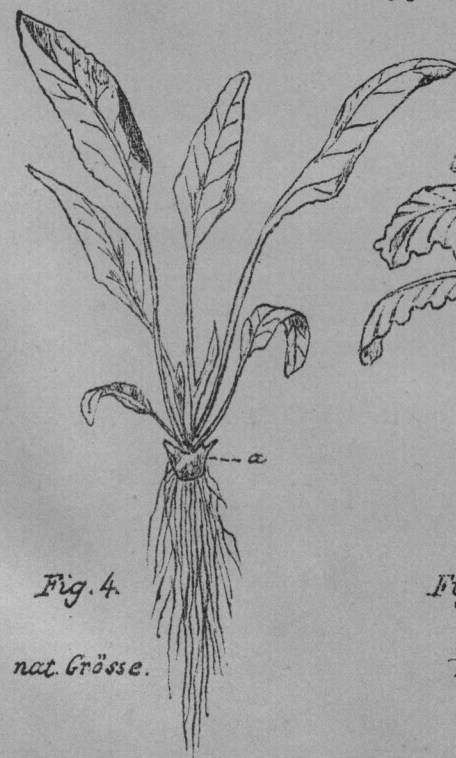


Fig. 4.

nat. Grösse.

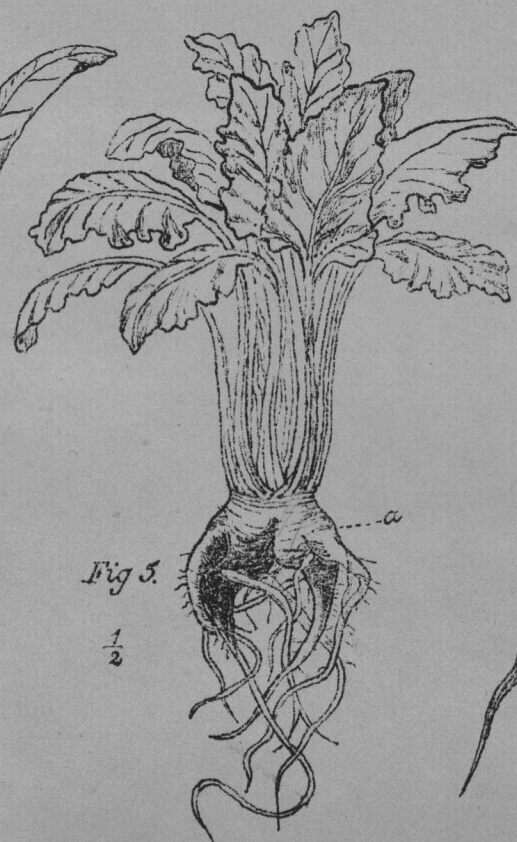


Fig. 5.

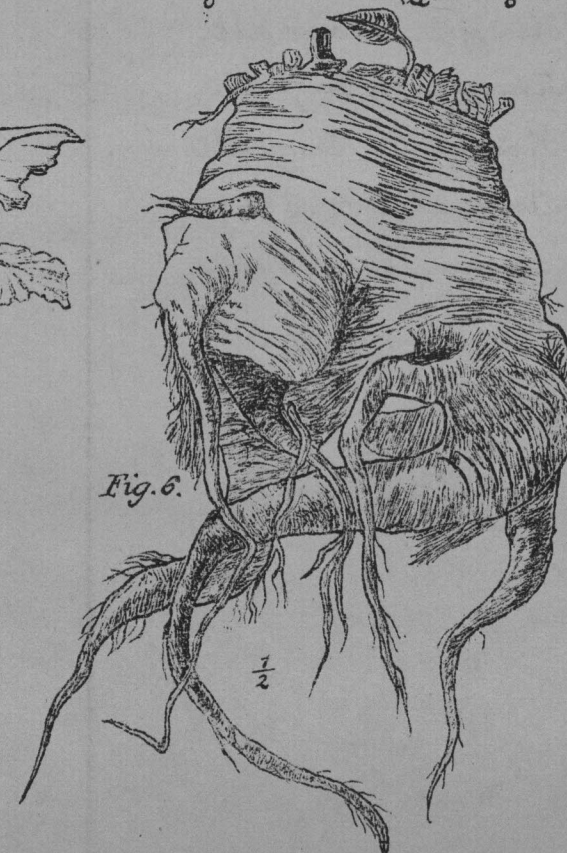
 $\frac{1}{2}$ 

Fig. 6.

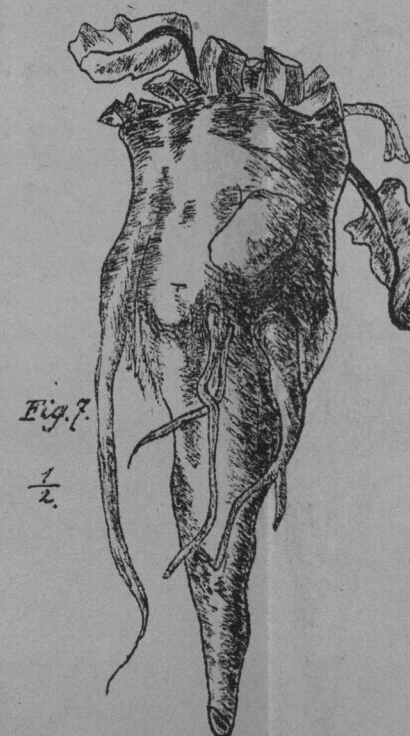
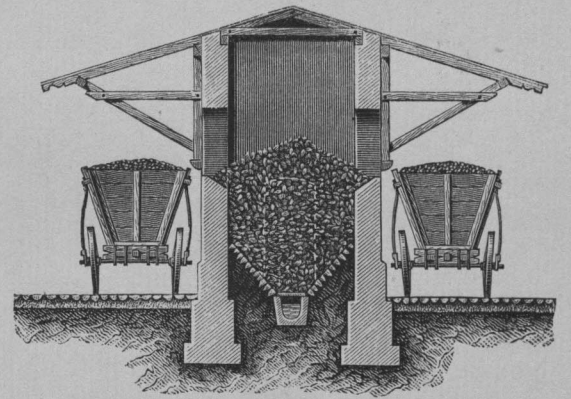
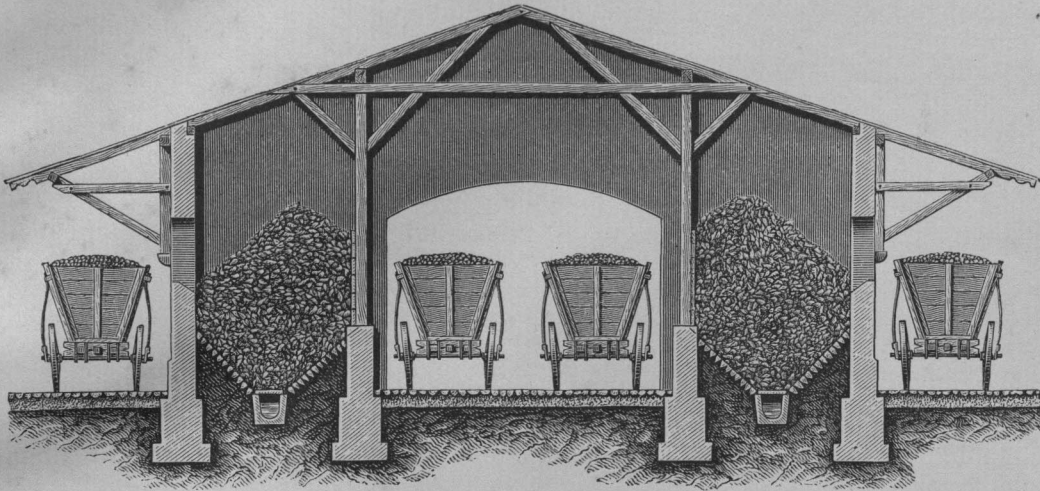
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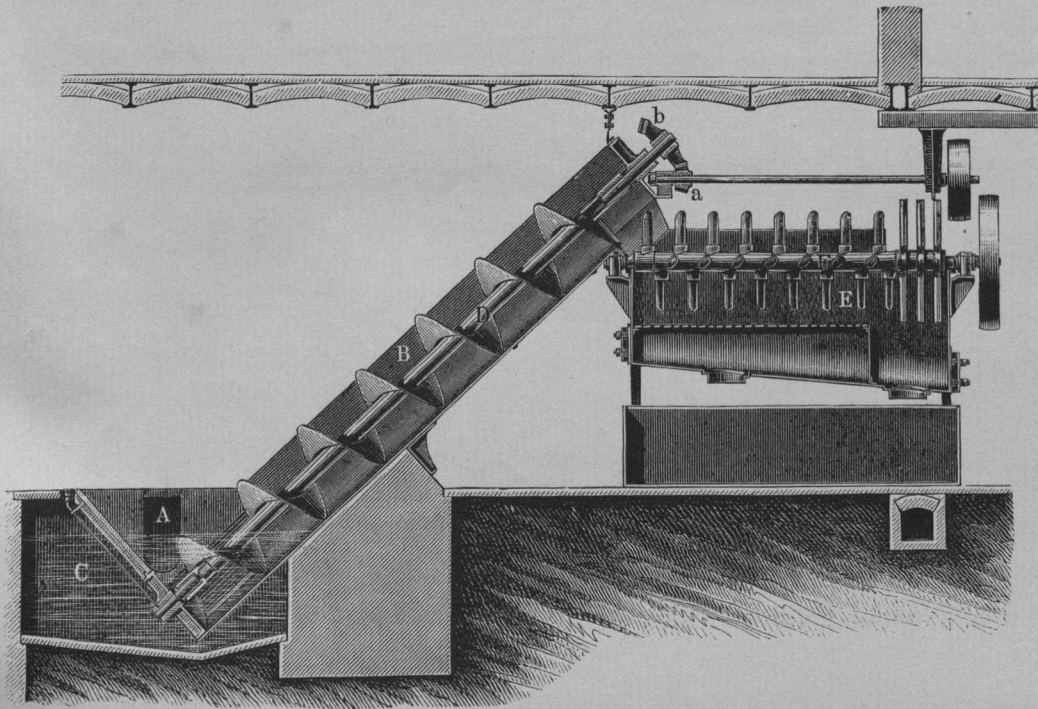
Fig. 7.

 $\frac{1}{2}$

Rübenhaus mit Rübenschwemme.

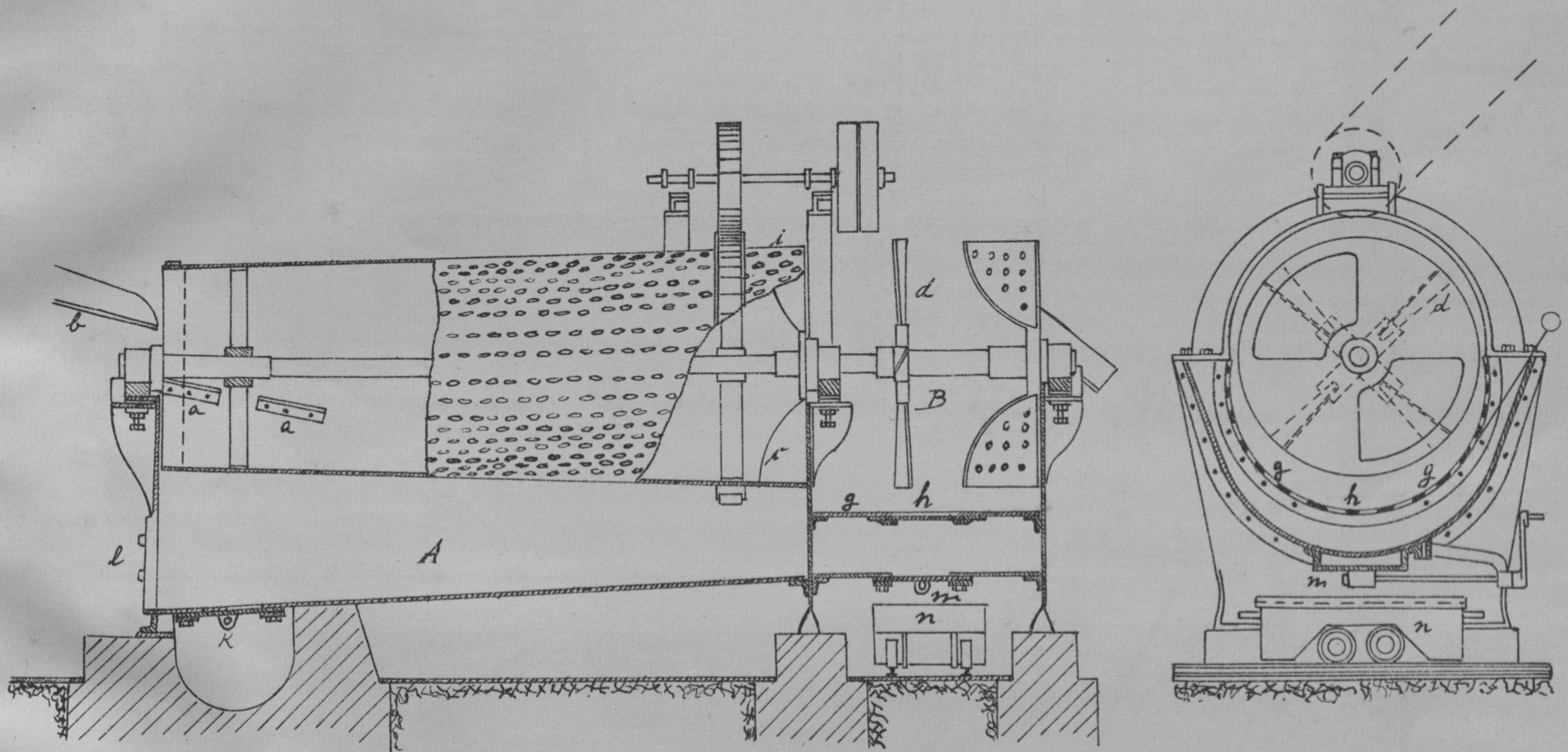


Schnecke mit Quirlwäsche.

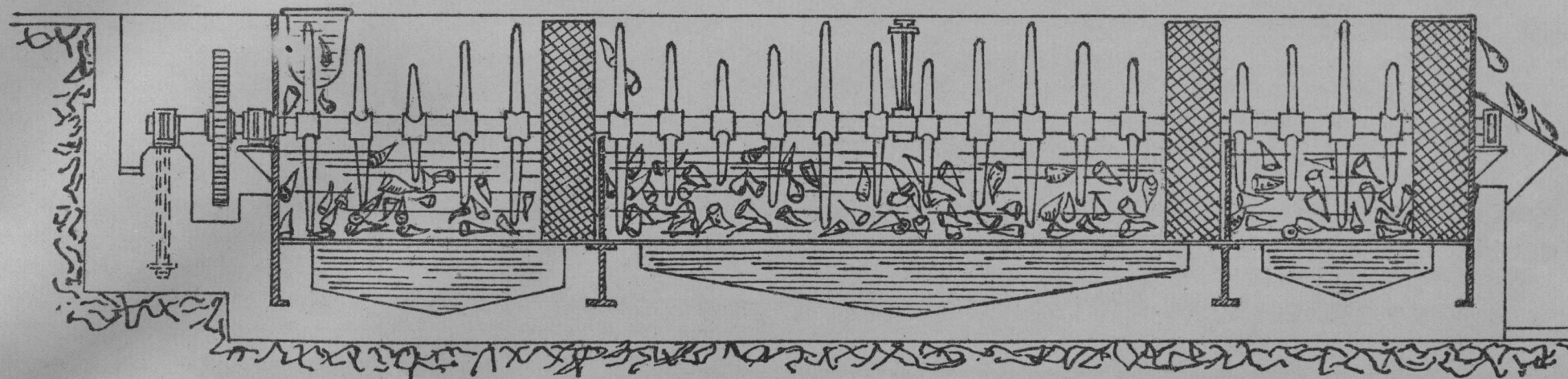


Rüben - Waschmaschine.

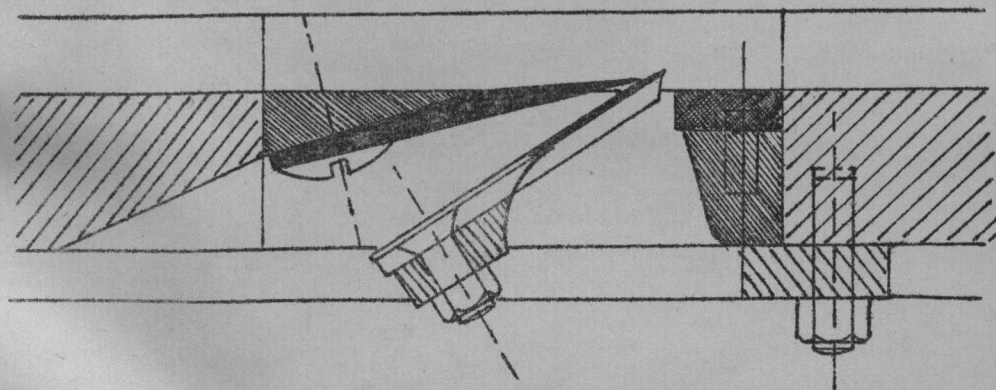
Trommelwäsche.



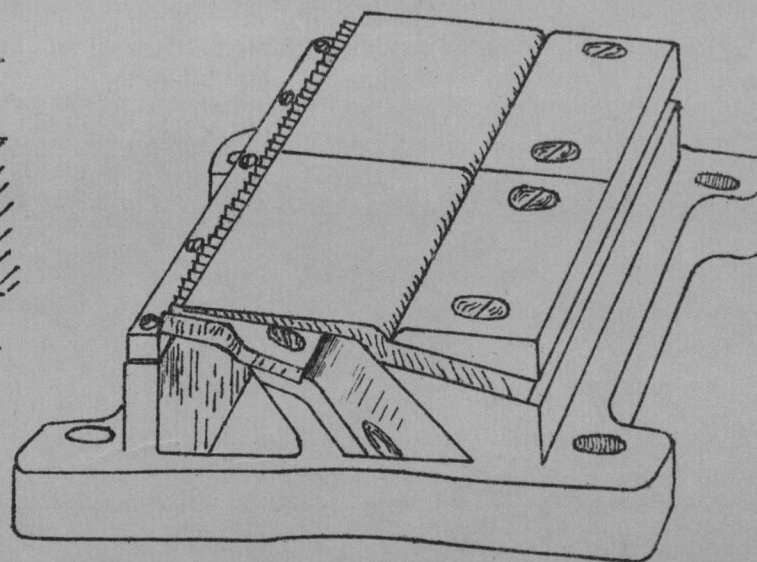
Quirlwäsche.



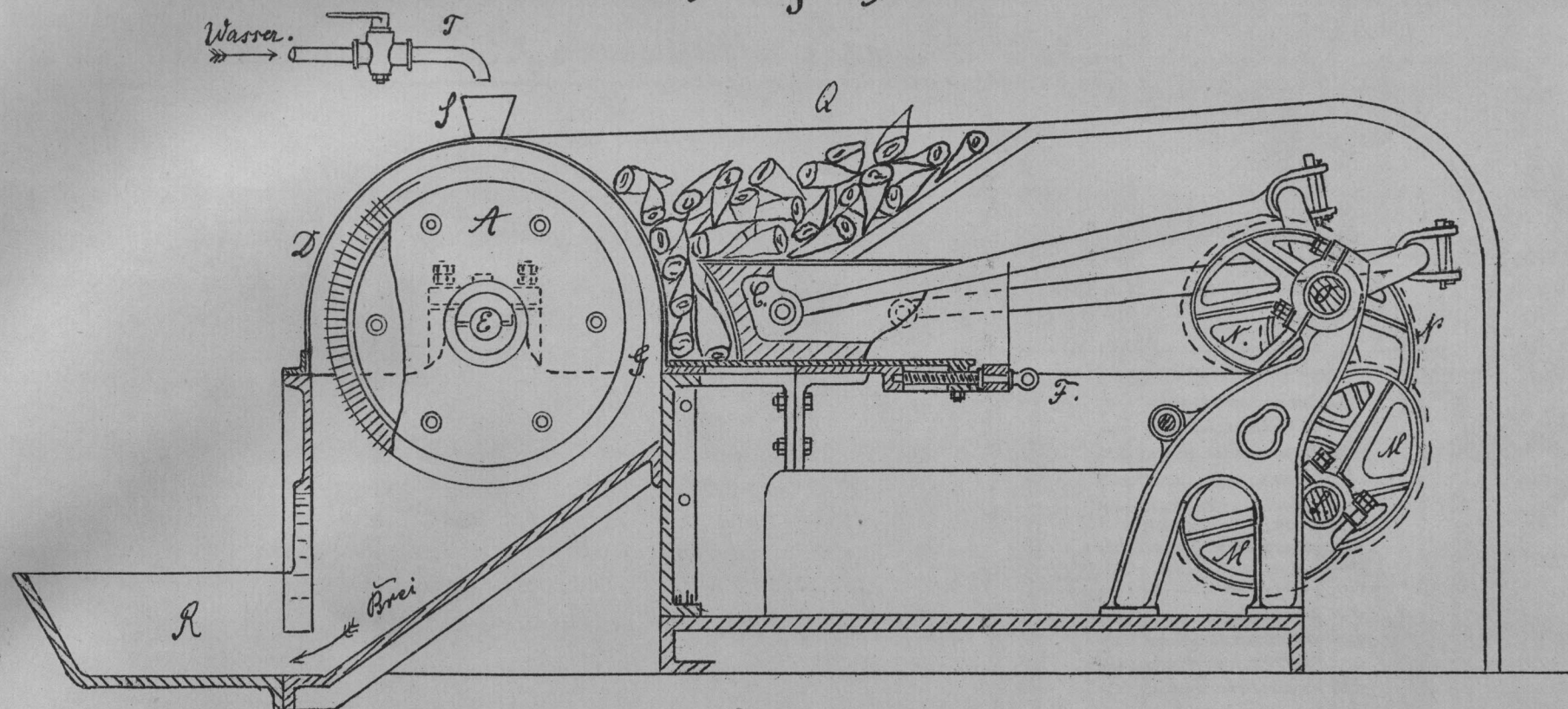
Bergreen Messer.



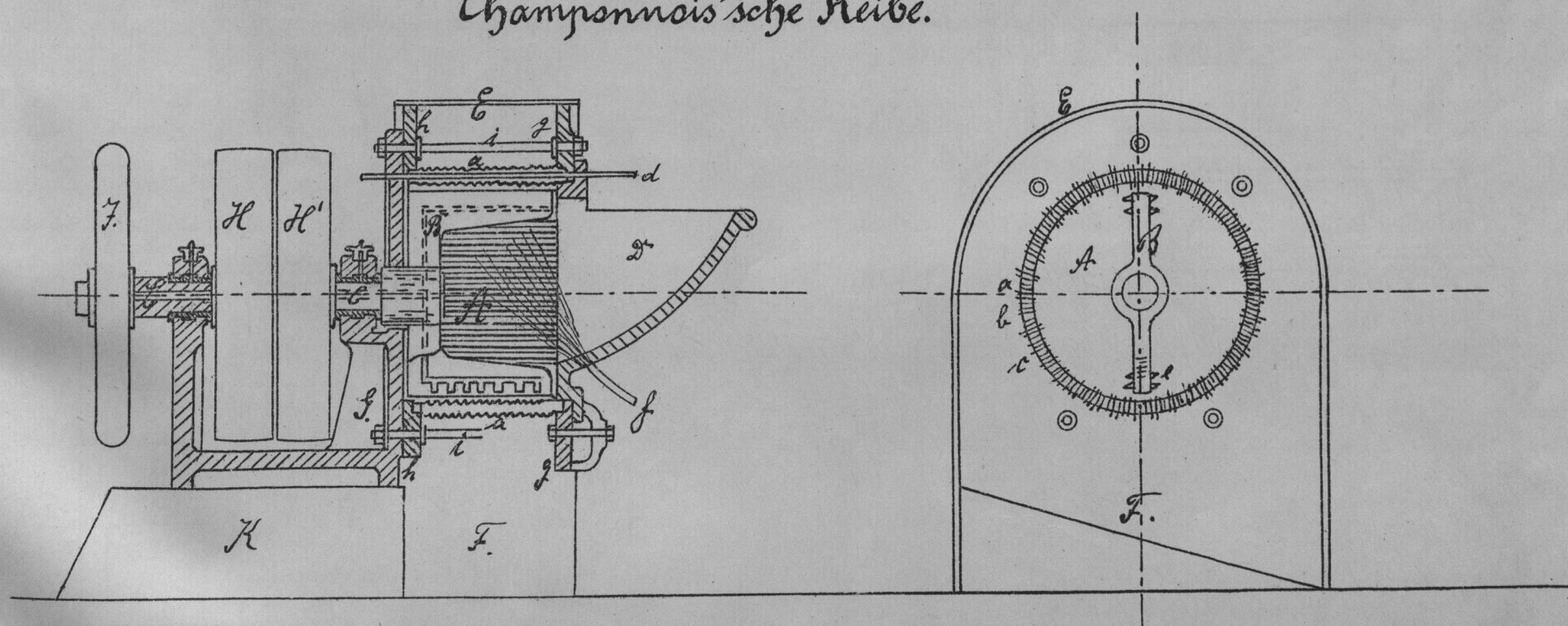
Nova Messer.



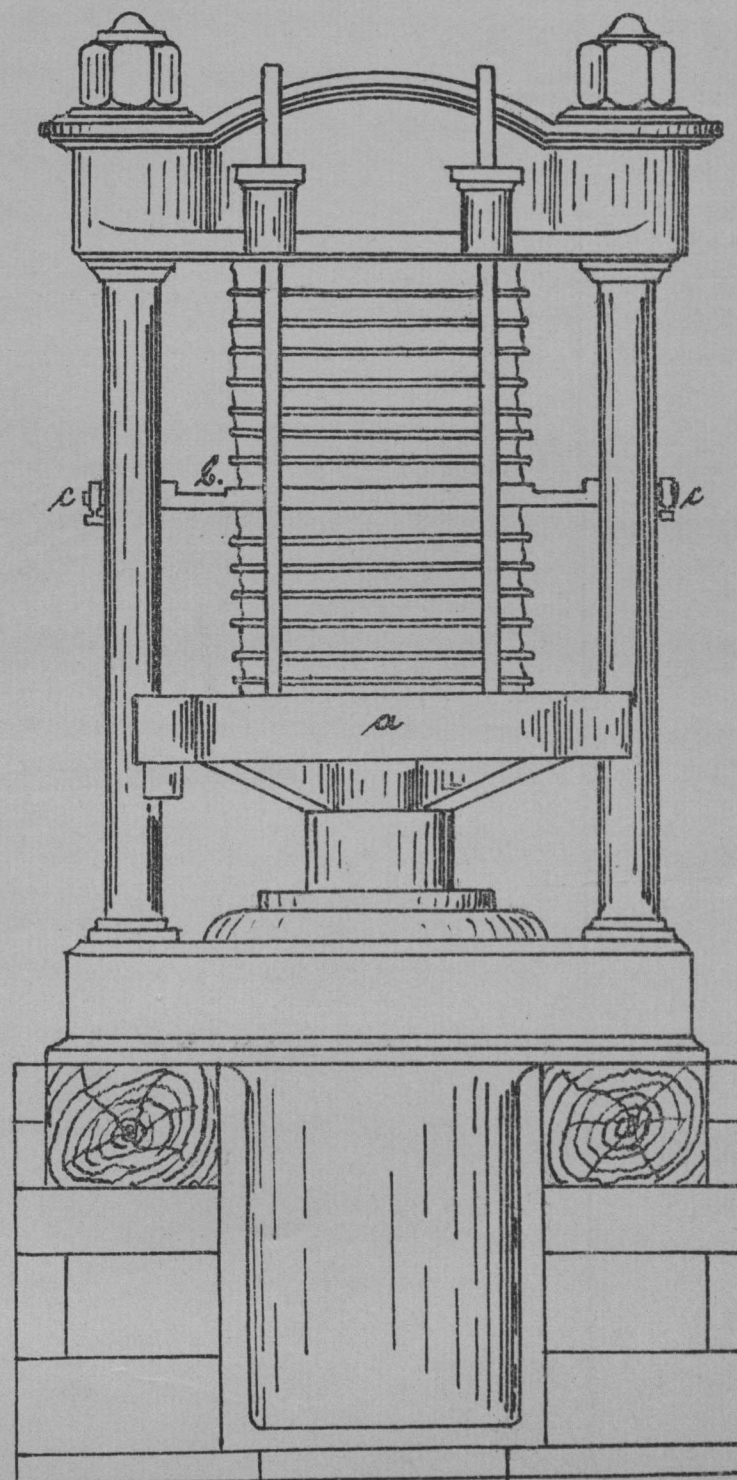
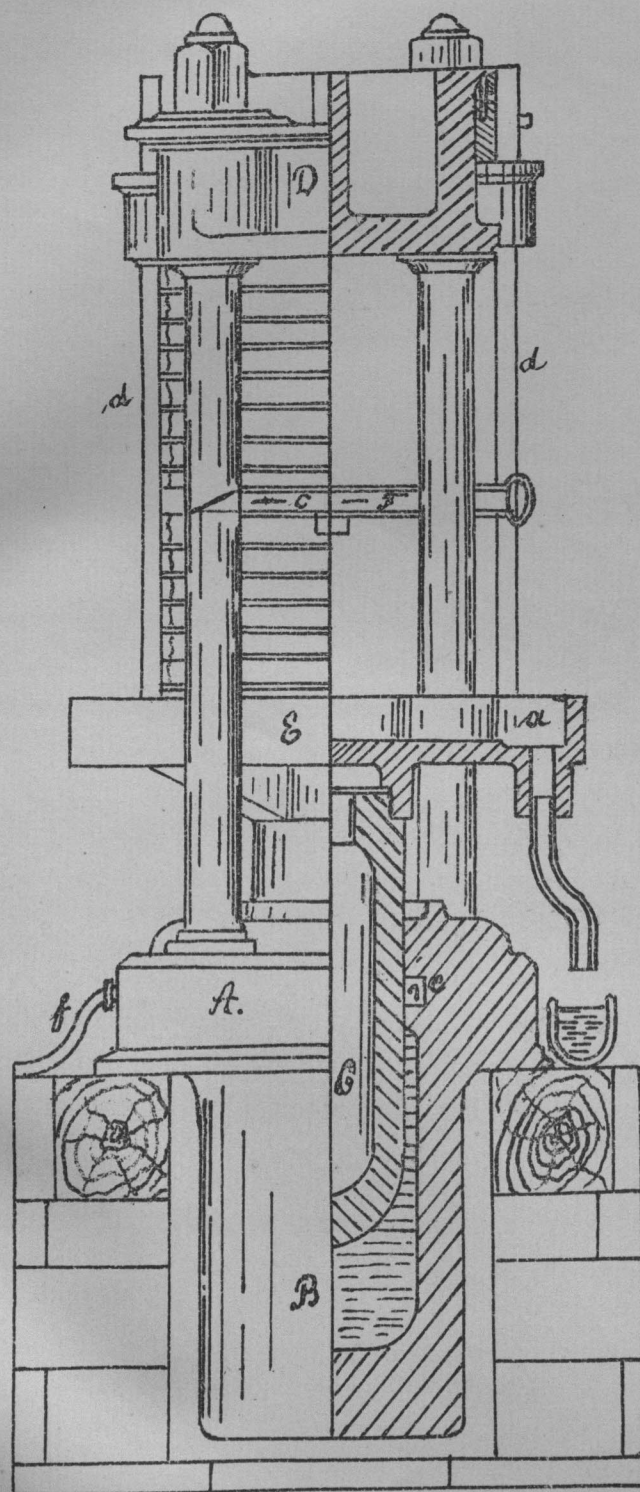
Thierry'sche Reibe.



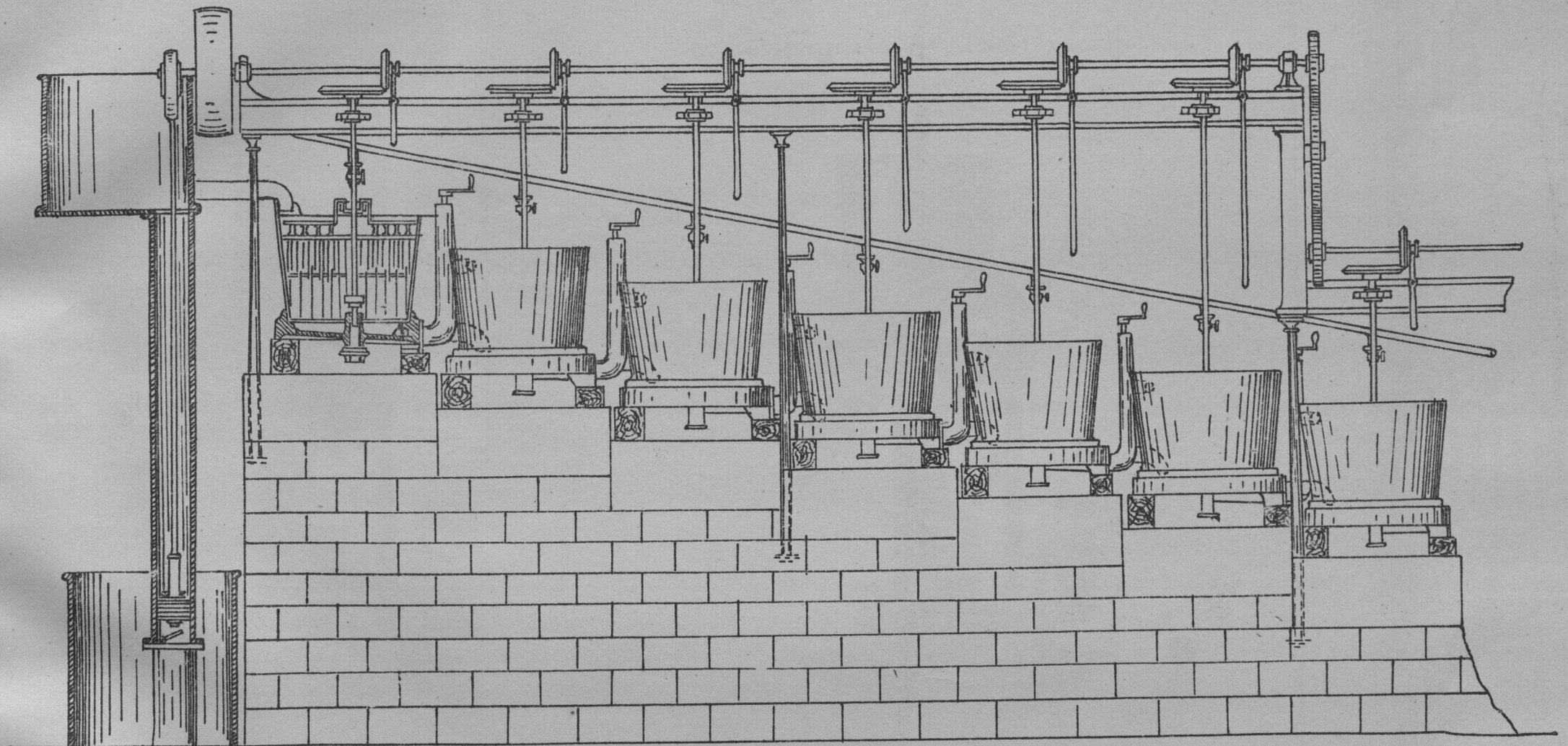
Champonnois'sche Reibe.



Hydraulische Presse.



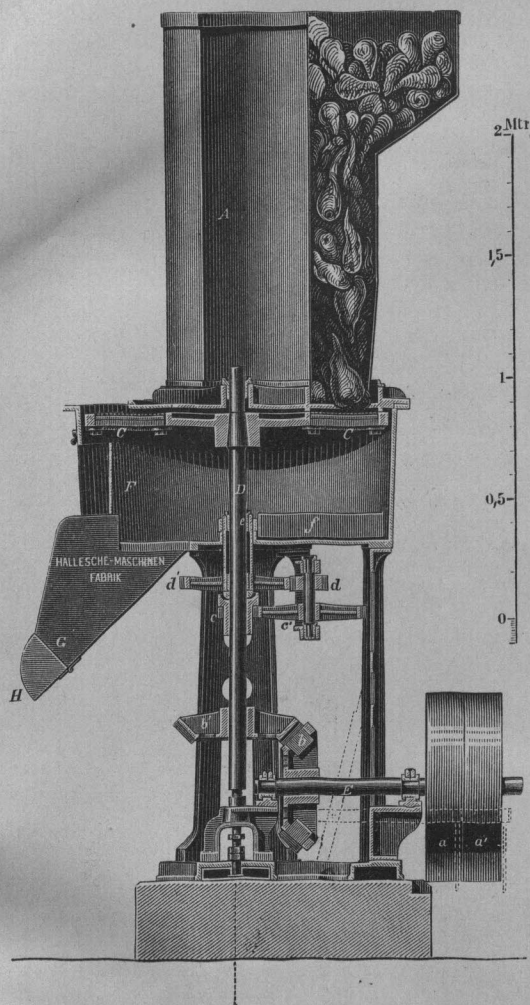
Macerations-Apparat.



Schnitzelmaschine

mit horizontal laufenden

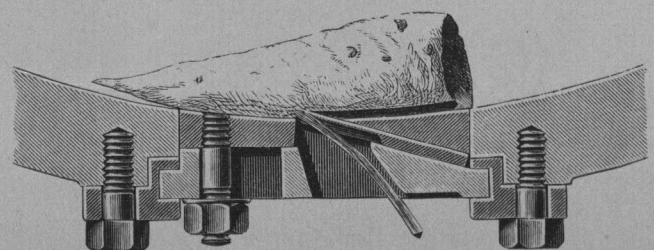
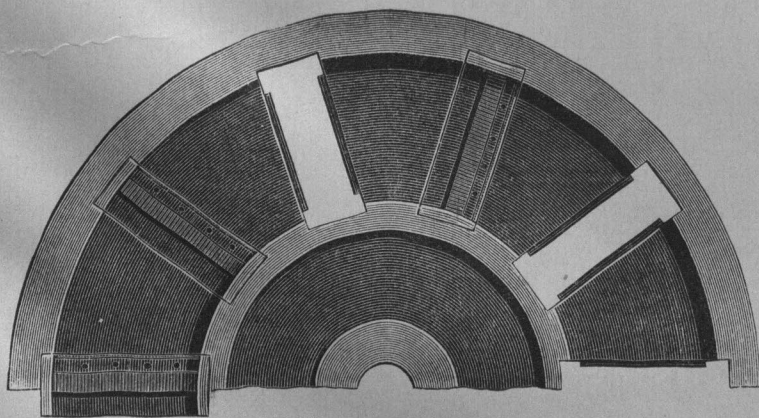
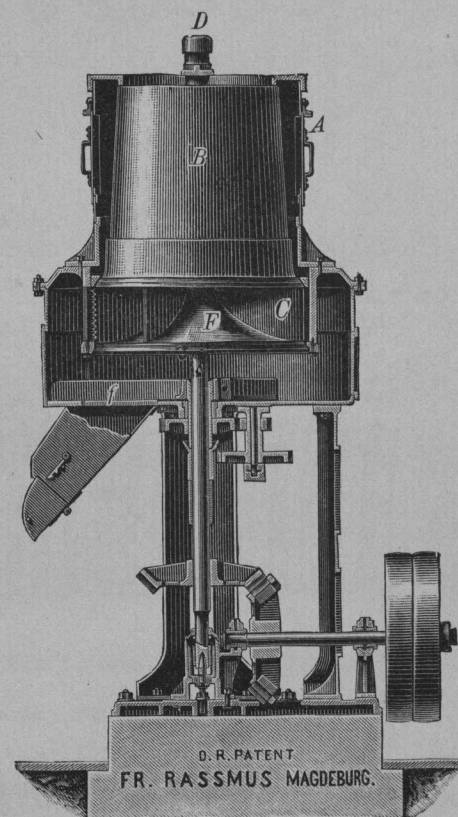
Messern.

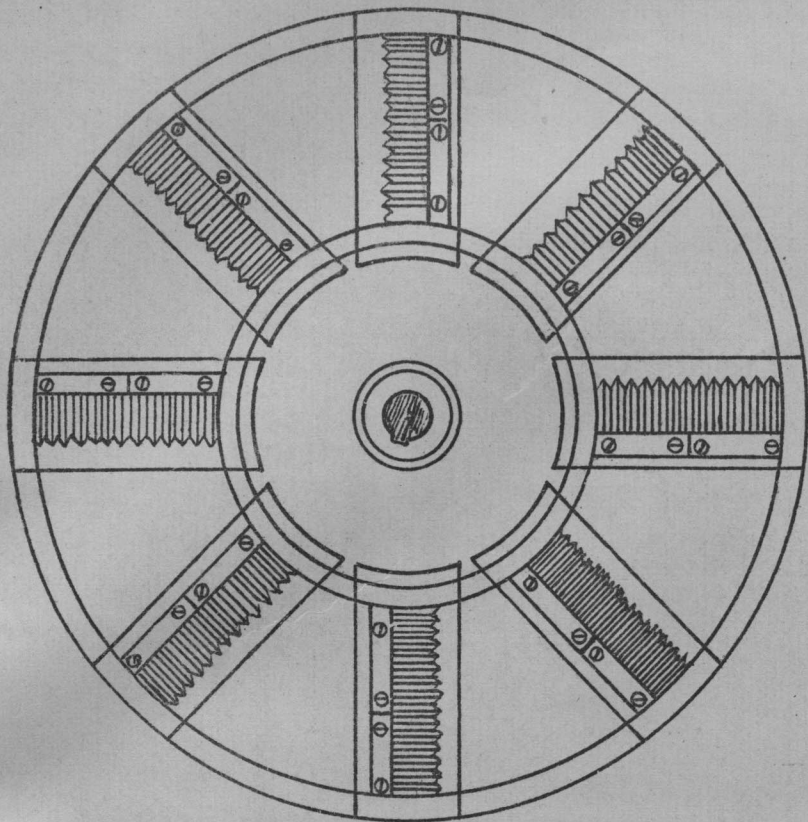


mit vertical stehenden

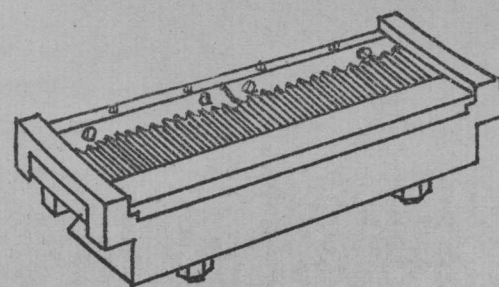
Messern.

Centrifugal-Schnitzelmaschine.

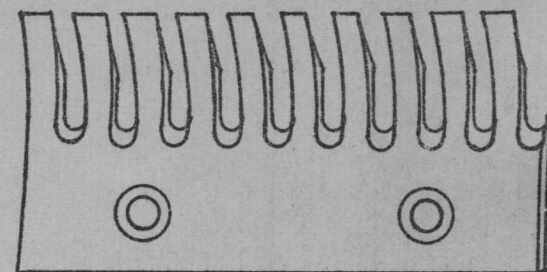




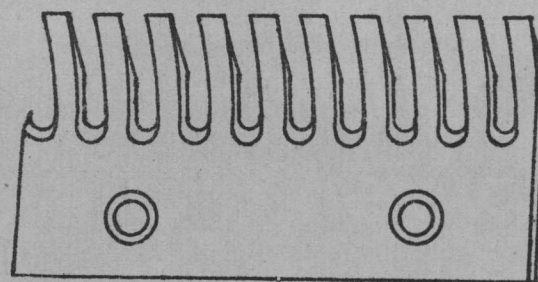
Schnittzelmesserschleibe.



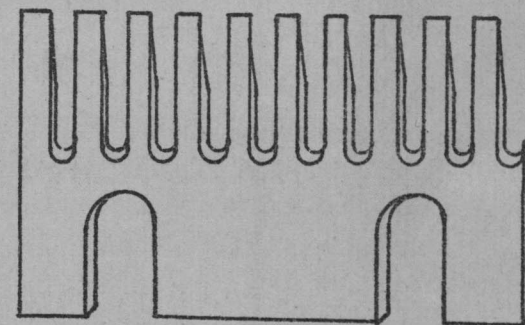
Messerkasten



Fingermesser Zahn links.



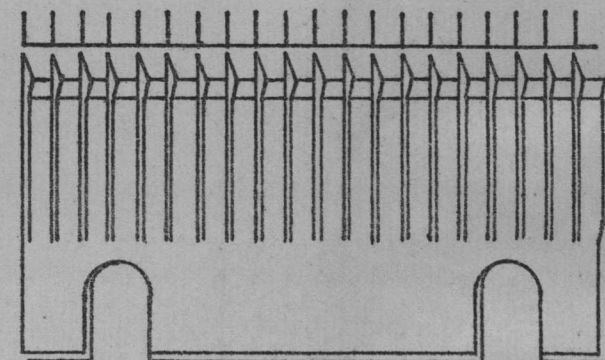
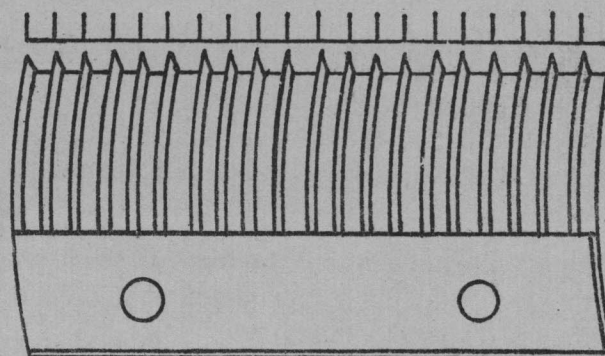
Zahn rechts



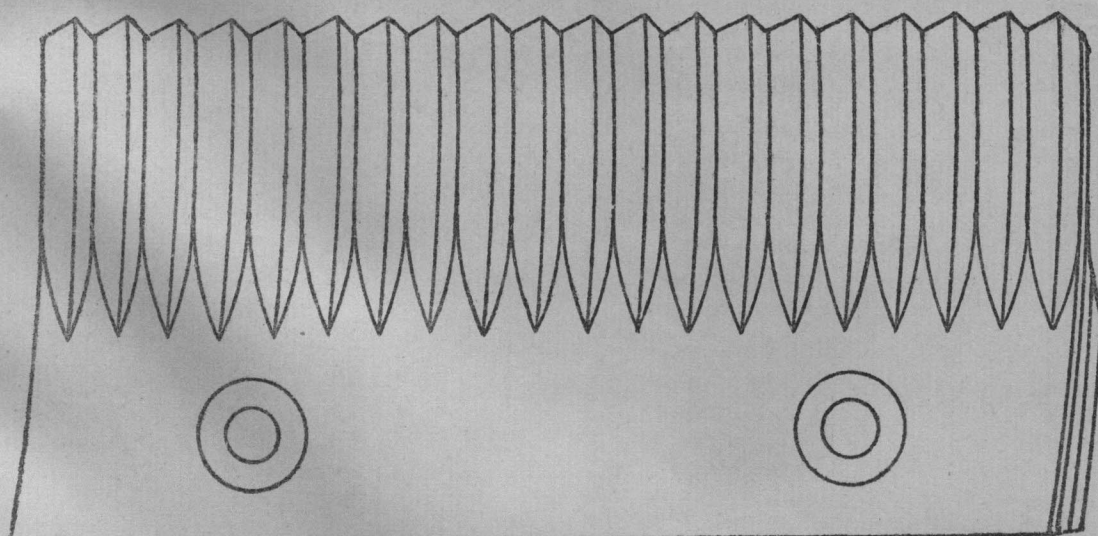
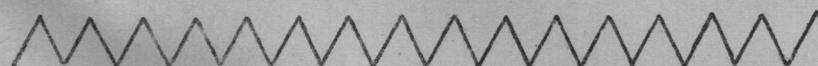
Zahn links.



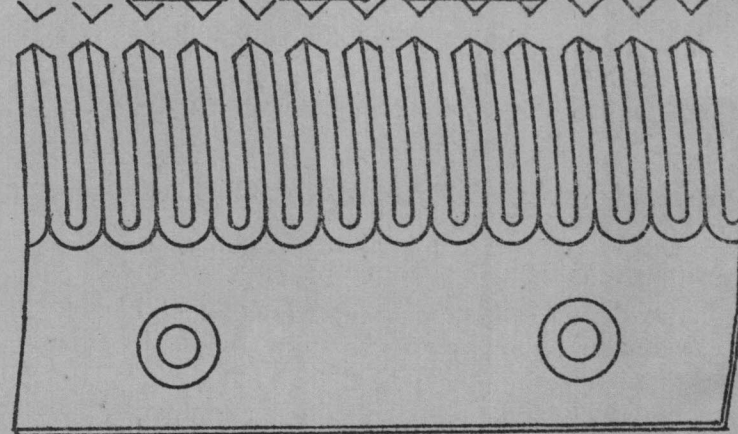
Königsfelder Messer



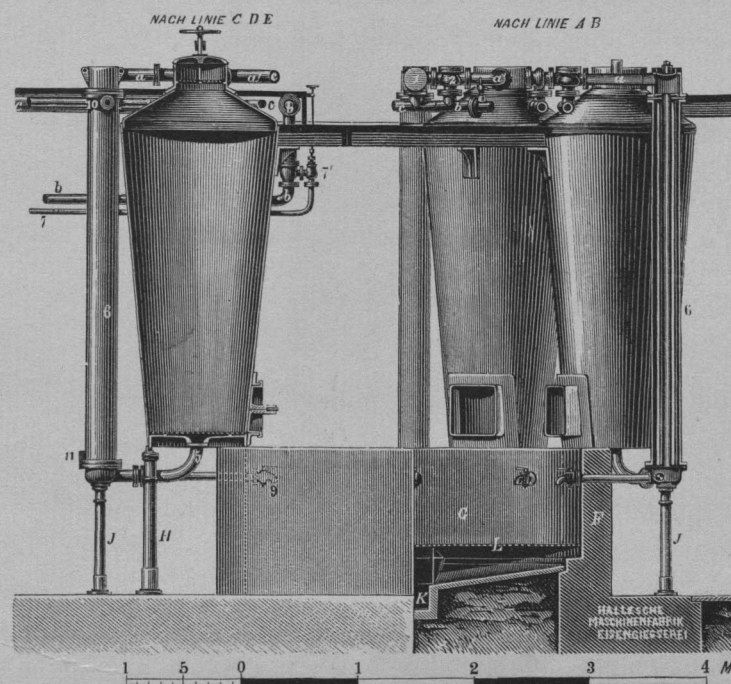
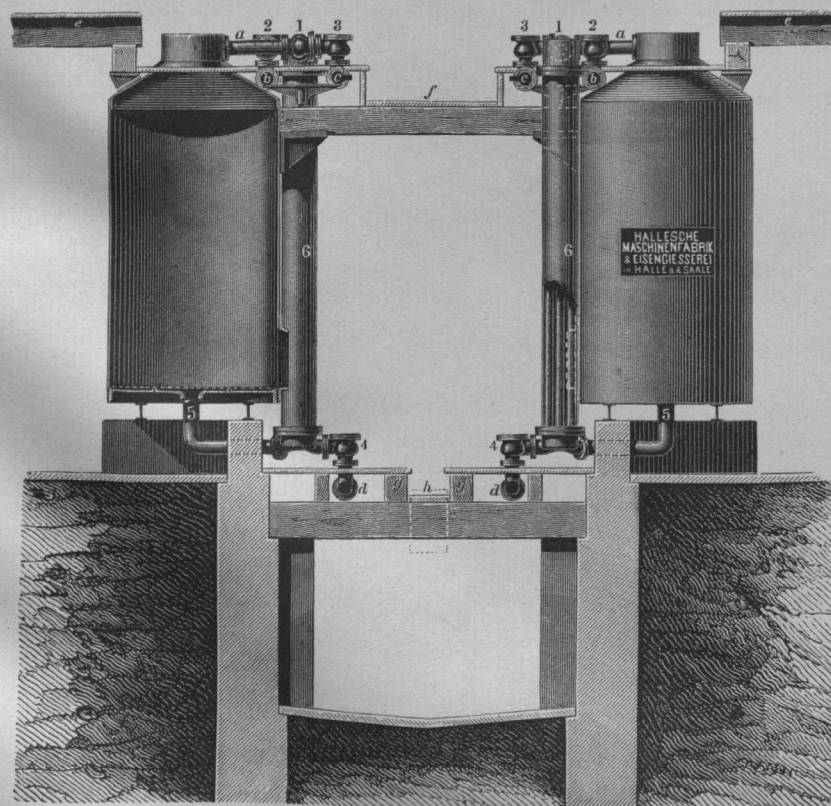
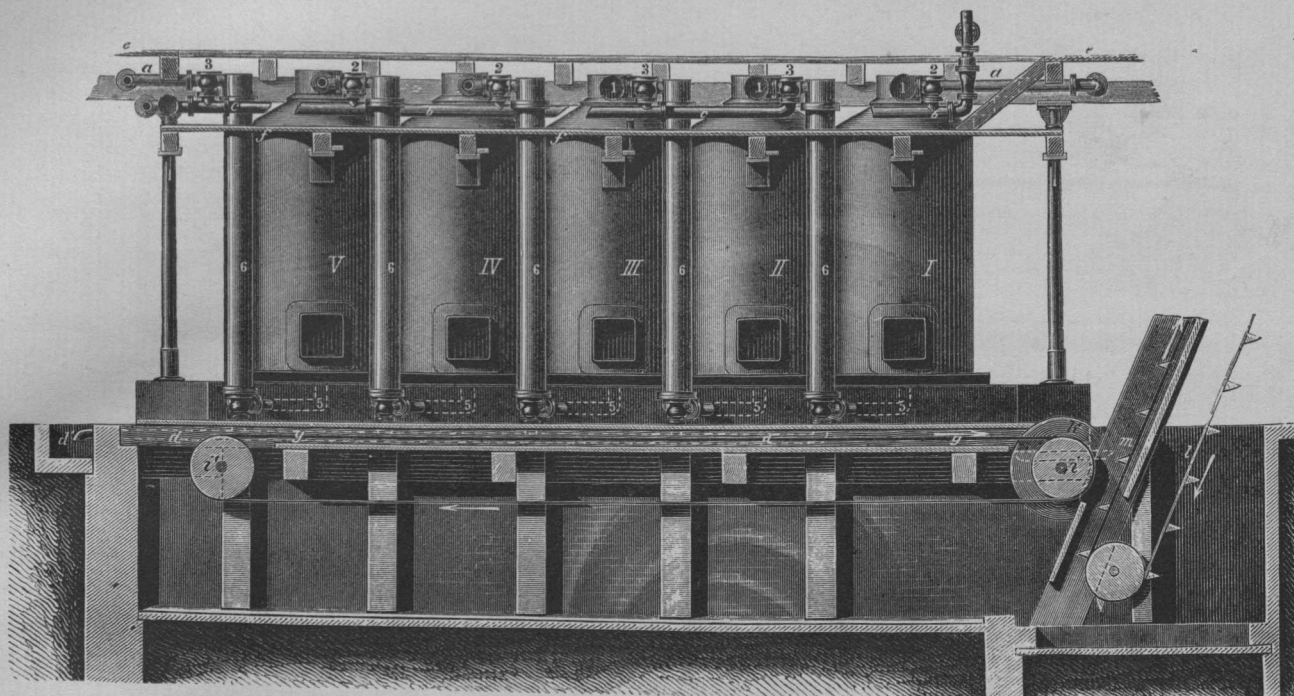
Seitenschnittmesser.



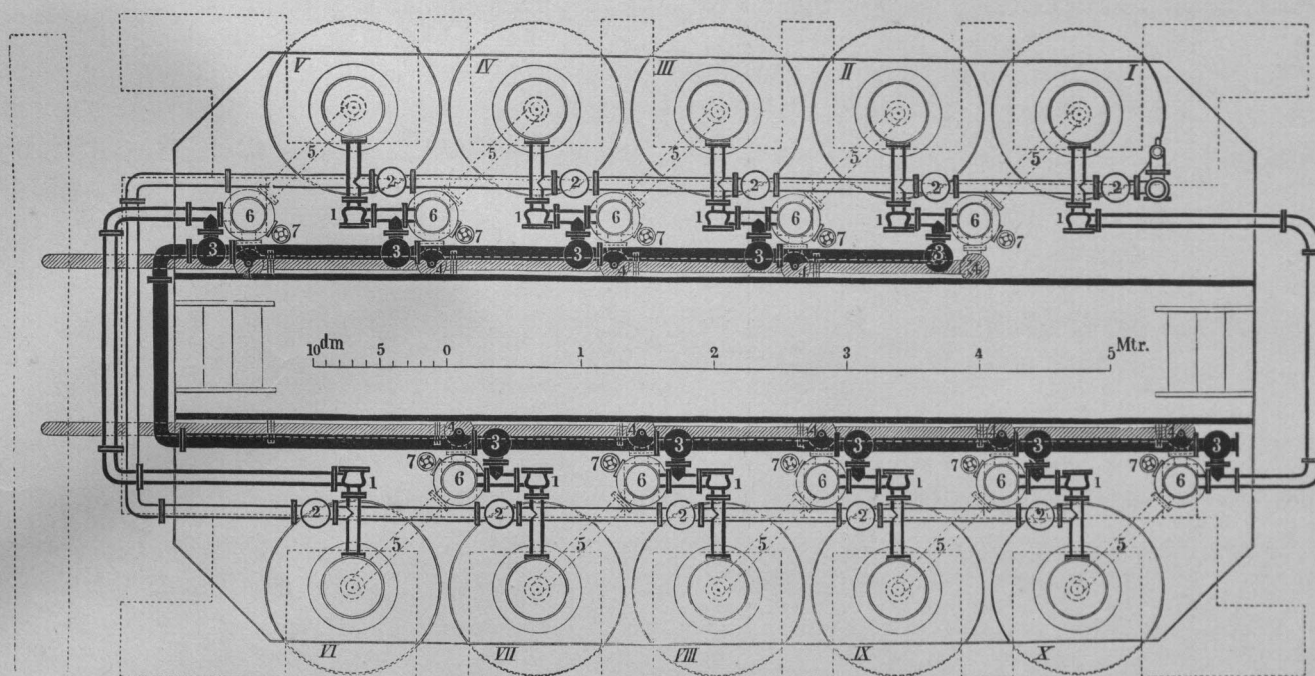
Dochfingermesser



Diffusions-Batterien.



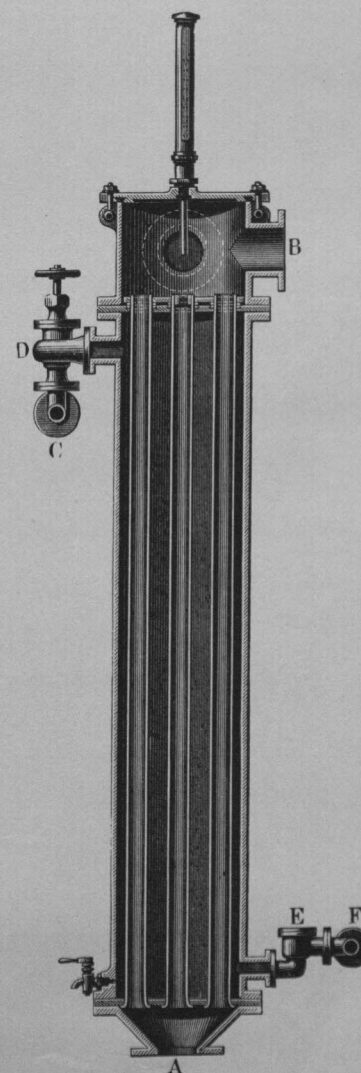
Röhrentour einer Diffusions-Batterie.



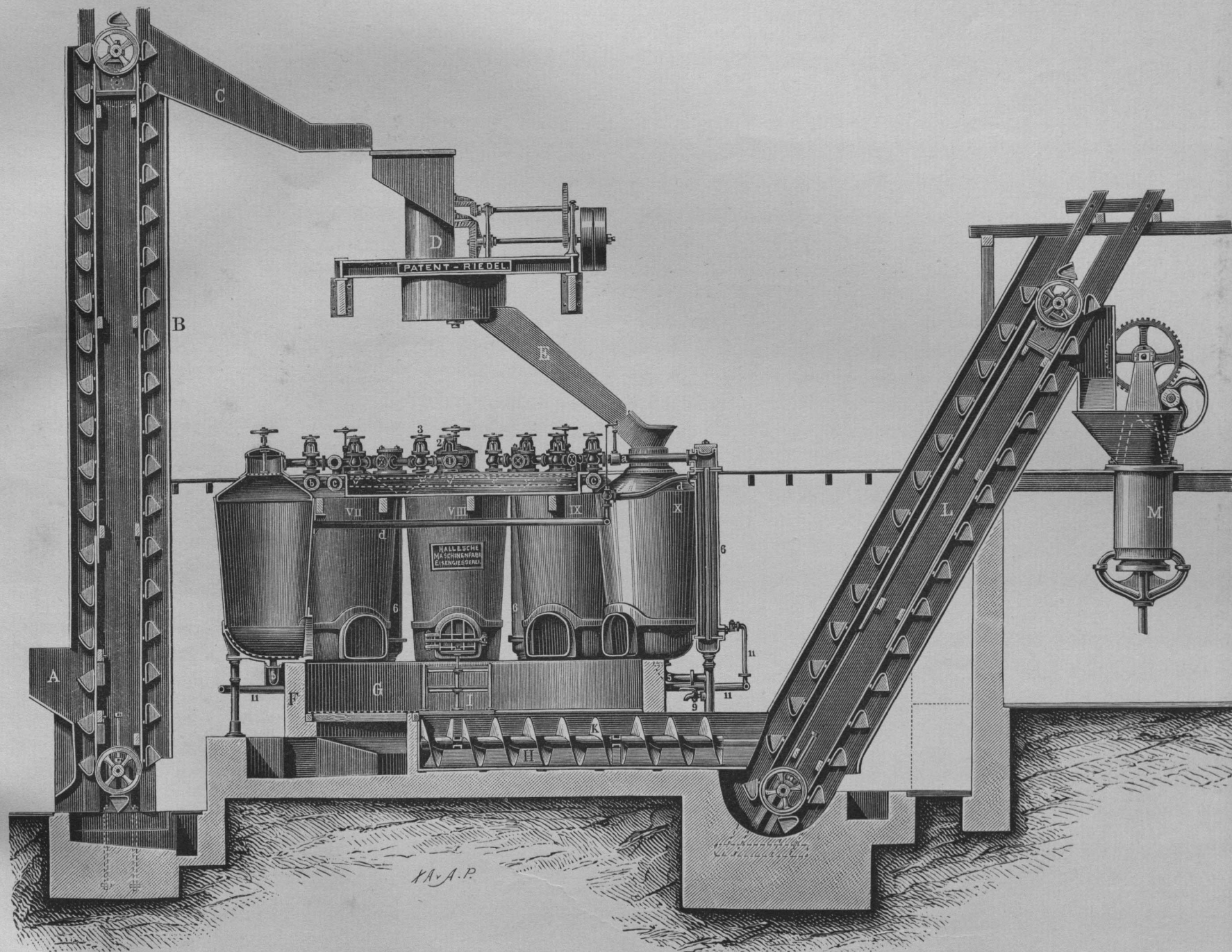
Diffusenz mit unterer Entleerung.



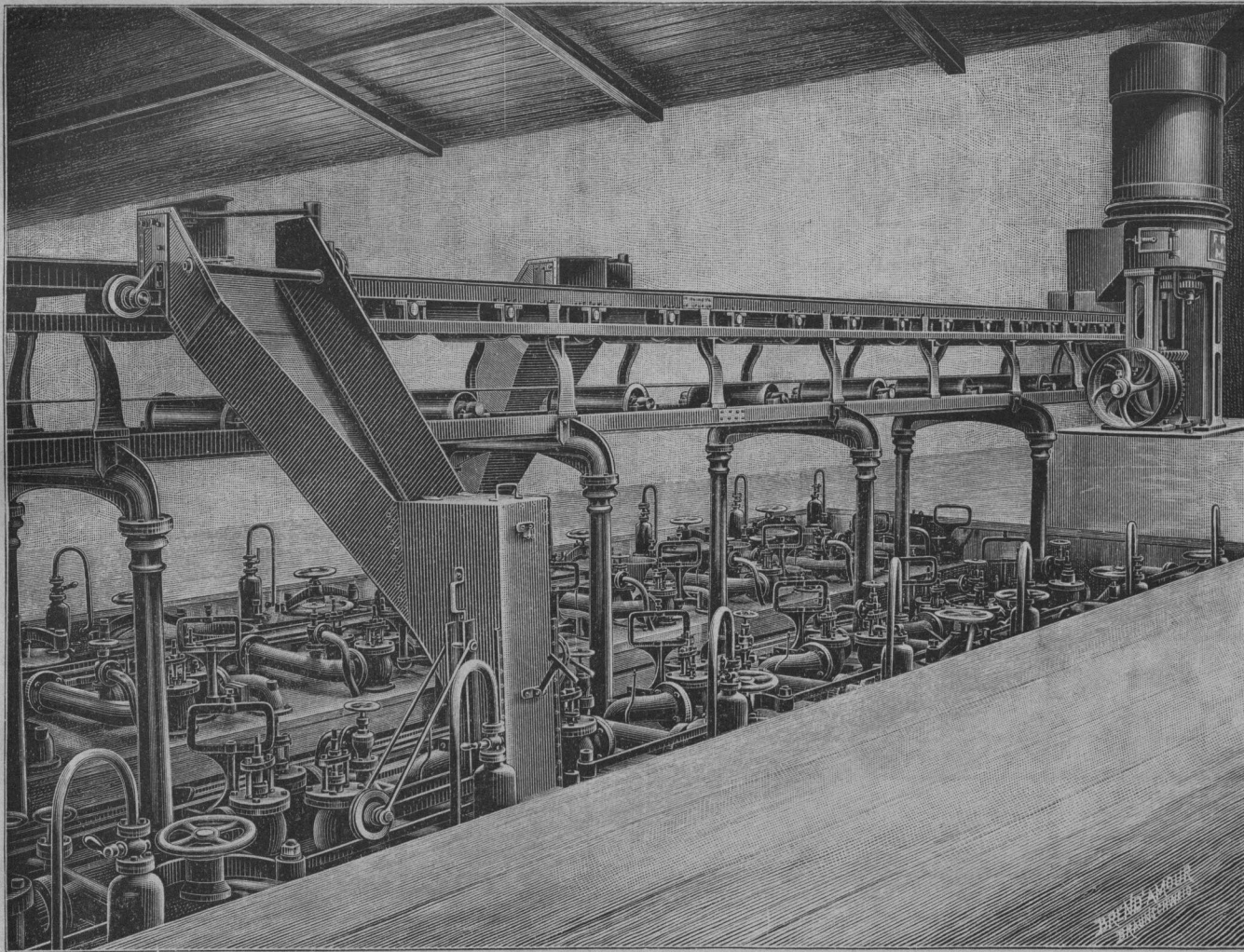
Kalorisor.



Kreisförmige Aufstellung einer Diffusions-Batterie.

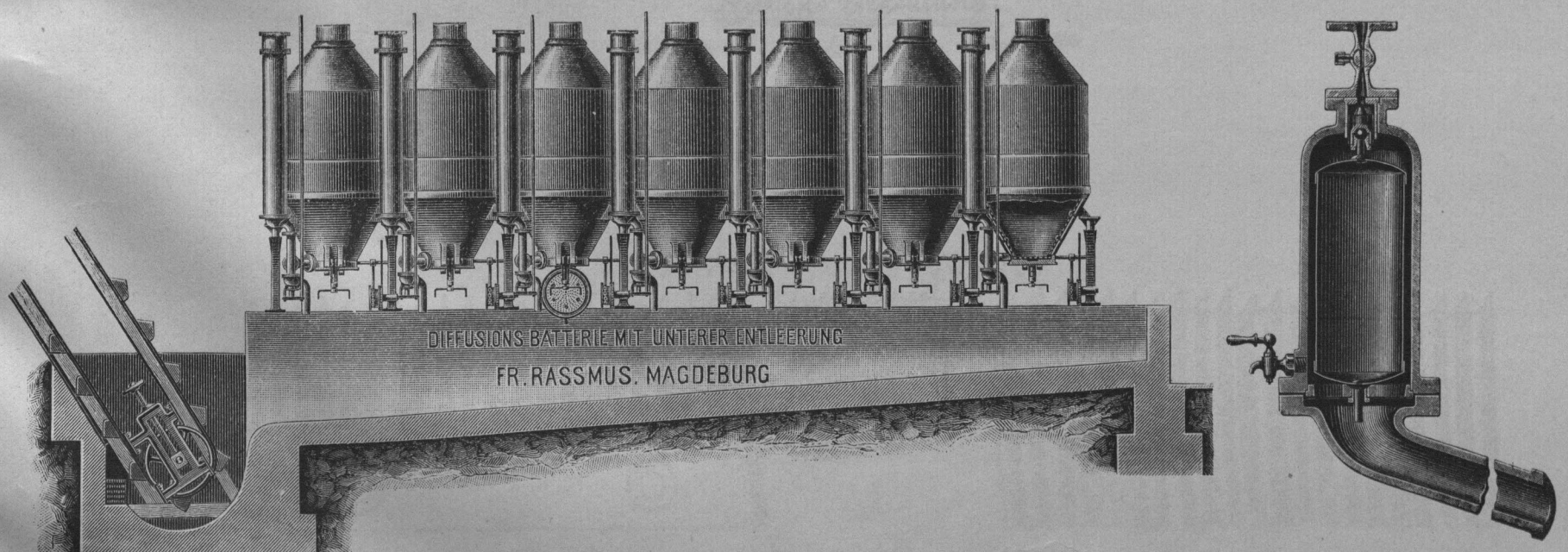


Schnitzel-Transporteur (Zuckerfabrik Nordgermersleben).

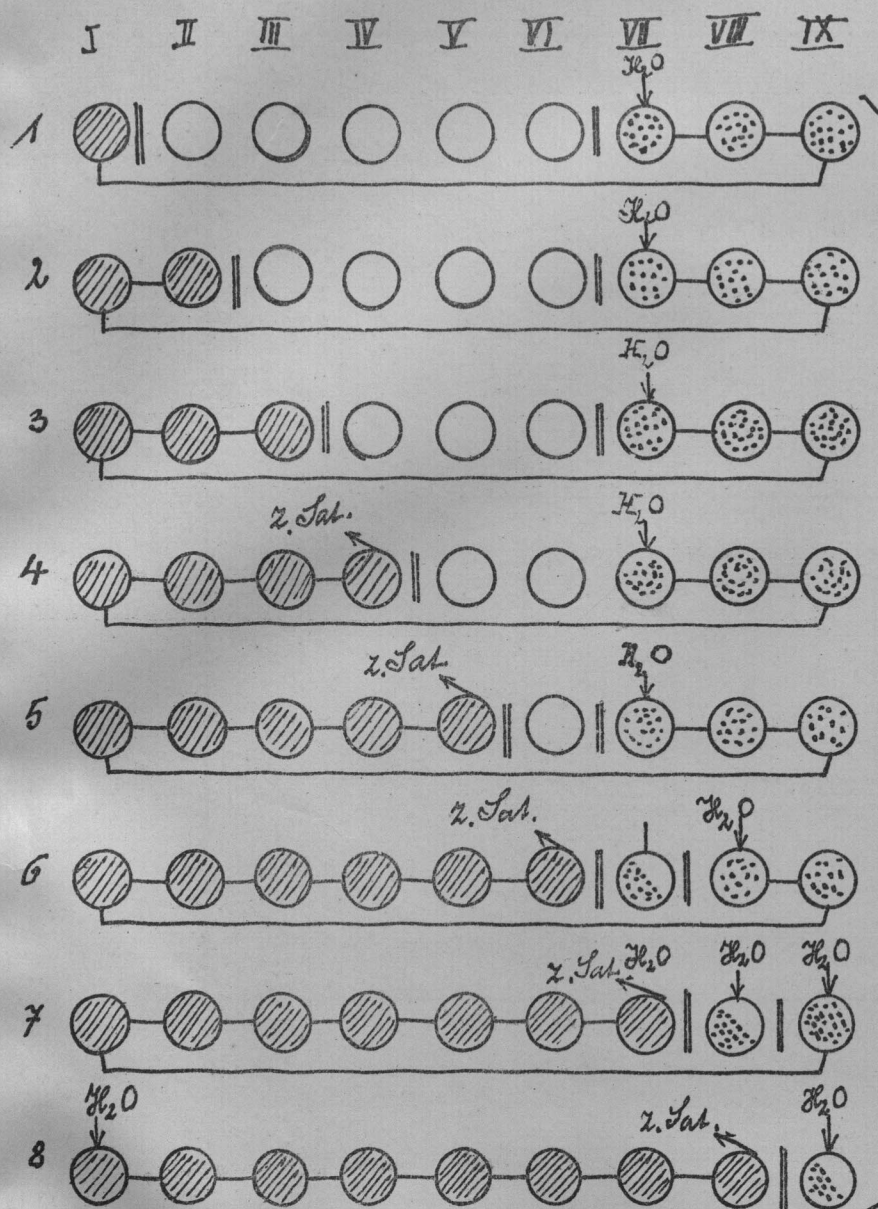


Diffusions-Batterie mit unterer Entleerung.

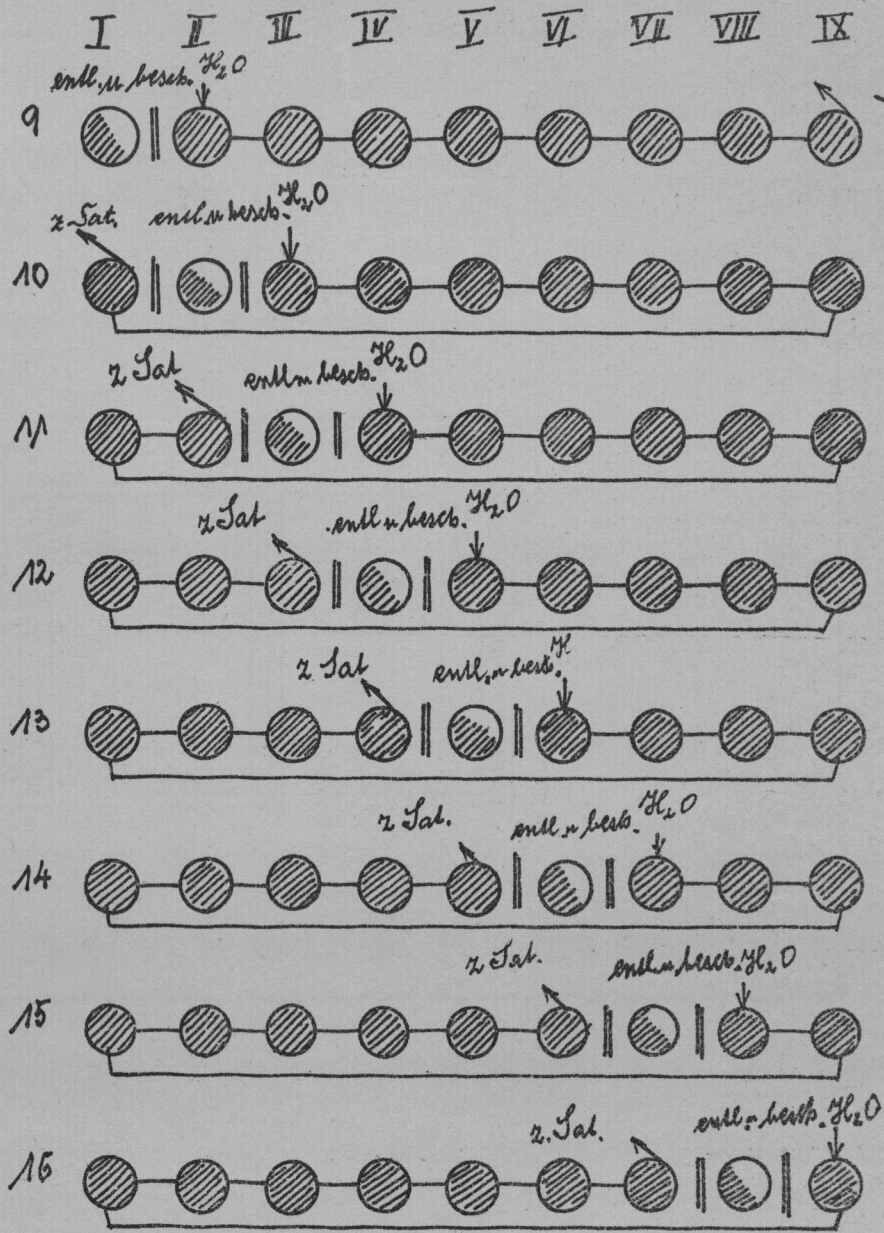
Entlüfter.



Schematische Darstellung der Arbeit an der Diffusions-Batterie



Anfang des Betriebes.



Regelmäßiger fortgesetzter Betrieb.

Zeichen- Erklärung.

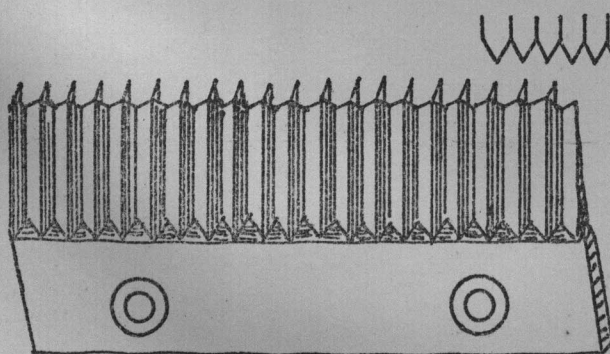
Wasser



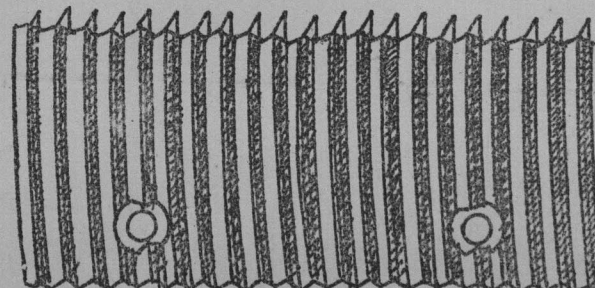
leer



Schmelze



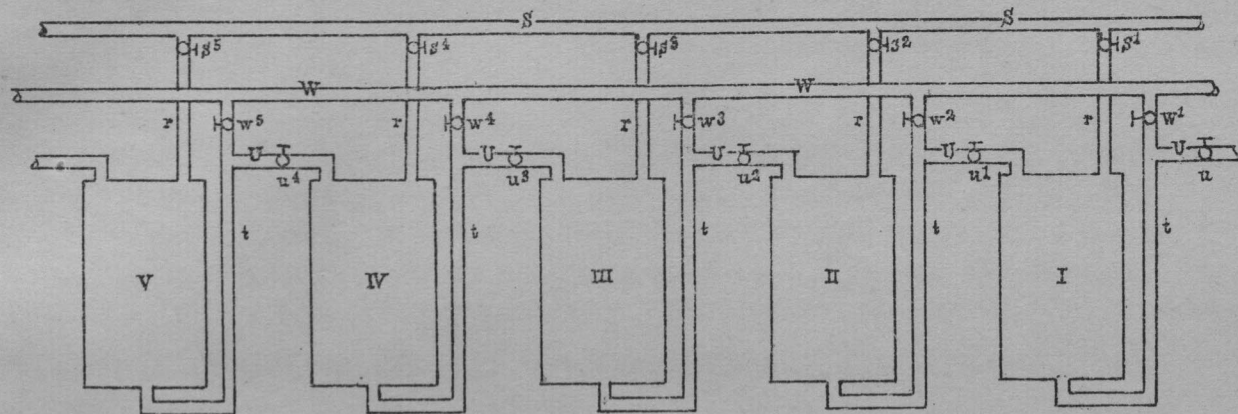
Querschnitt.



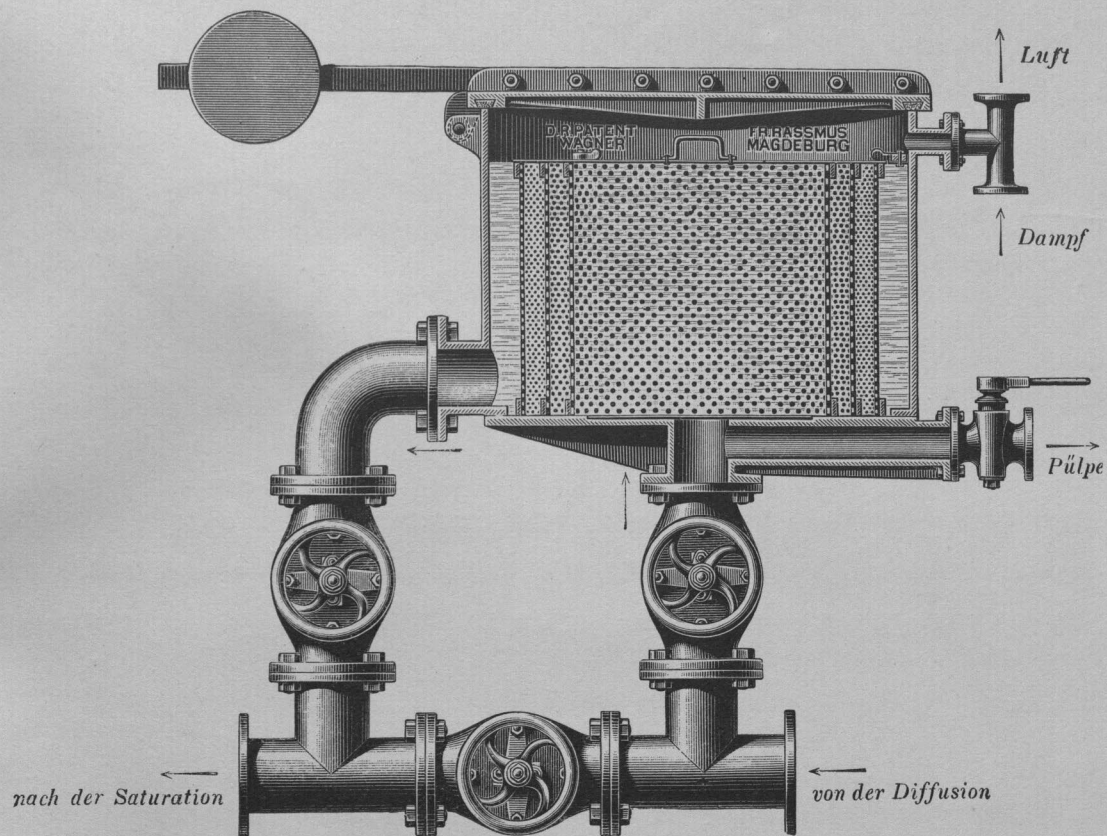
Dochrippenmesser.

Diffusionsbatterie n. Dr. W. Bartz.

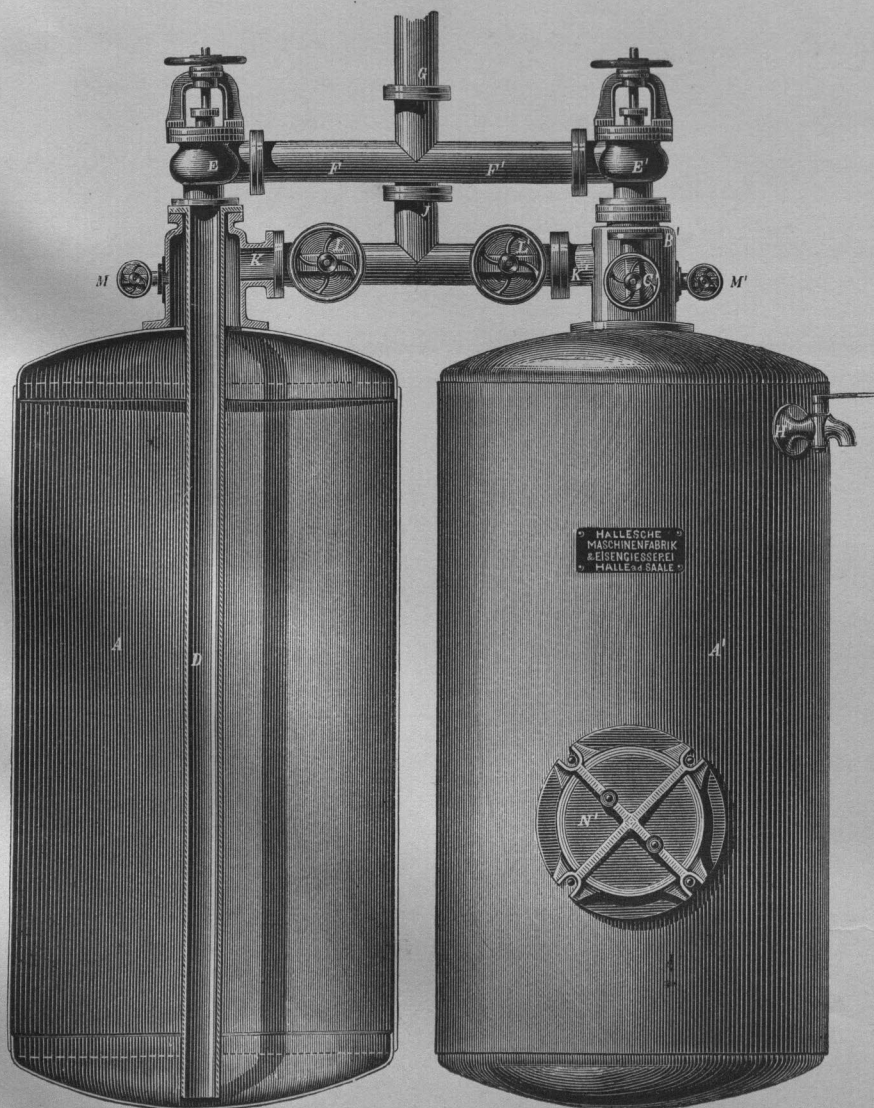
(Circulation des Saftes in allen Diffusoren von unten nach oben)



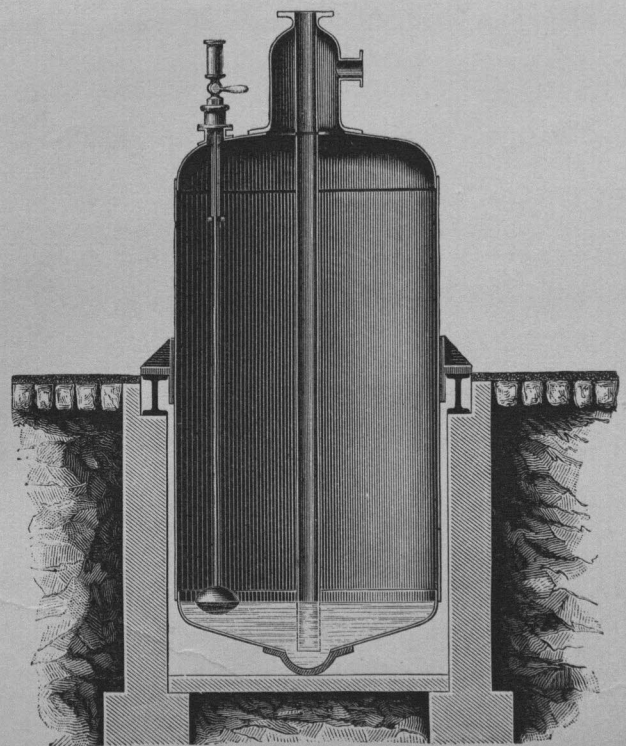
Faserfänger.



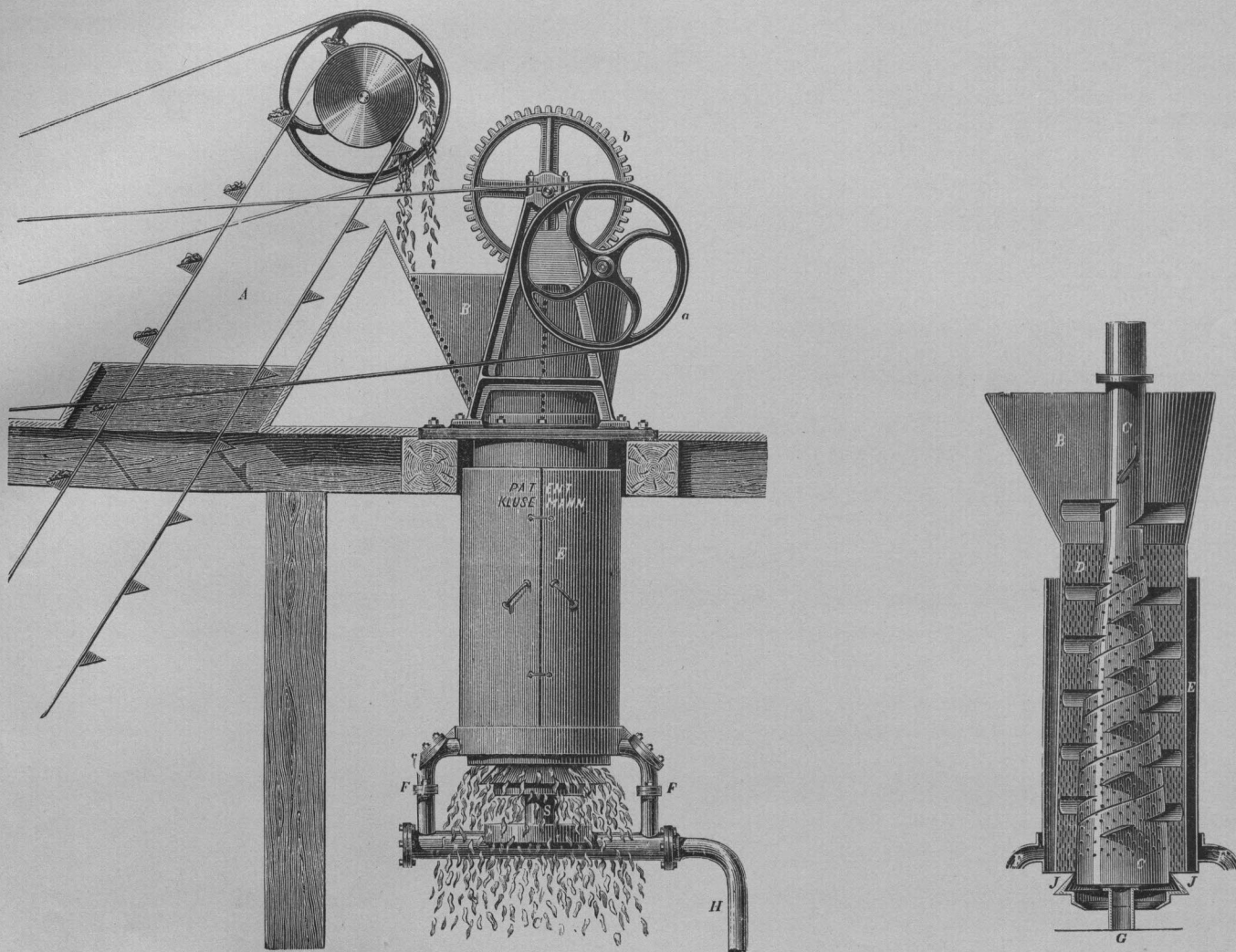
Doppelmontejus.



Montejus mit Alarmpfeife.

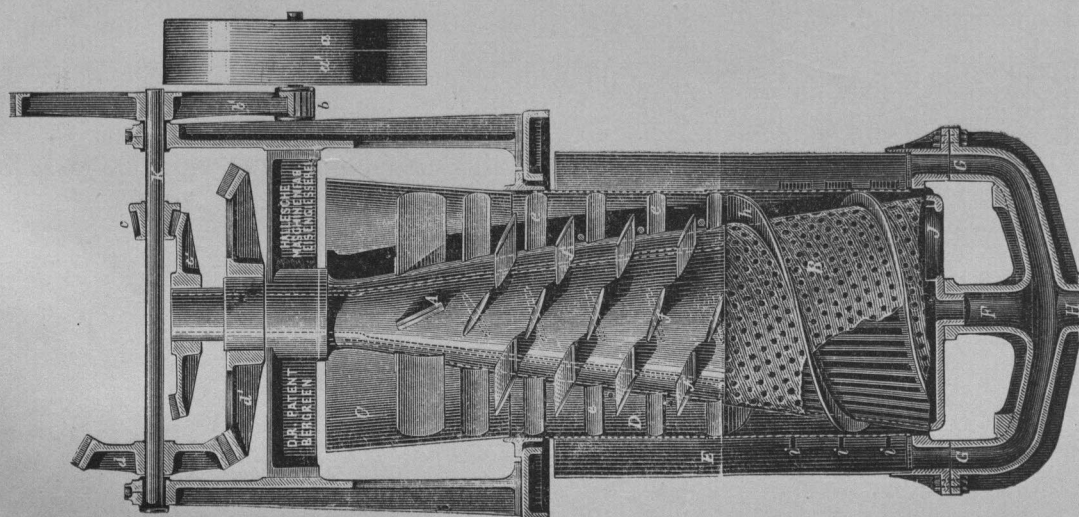


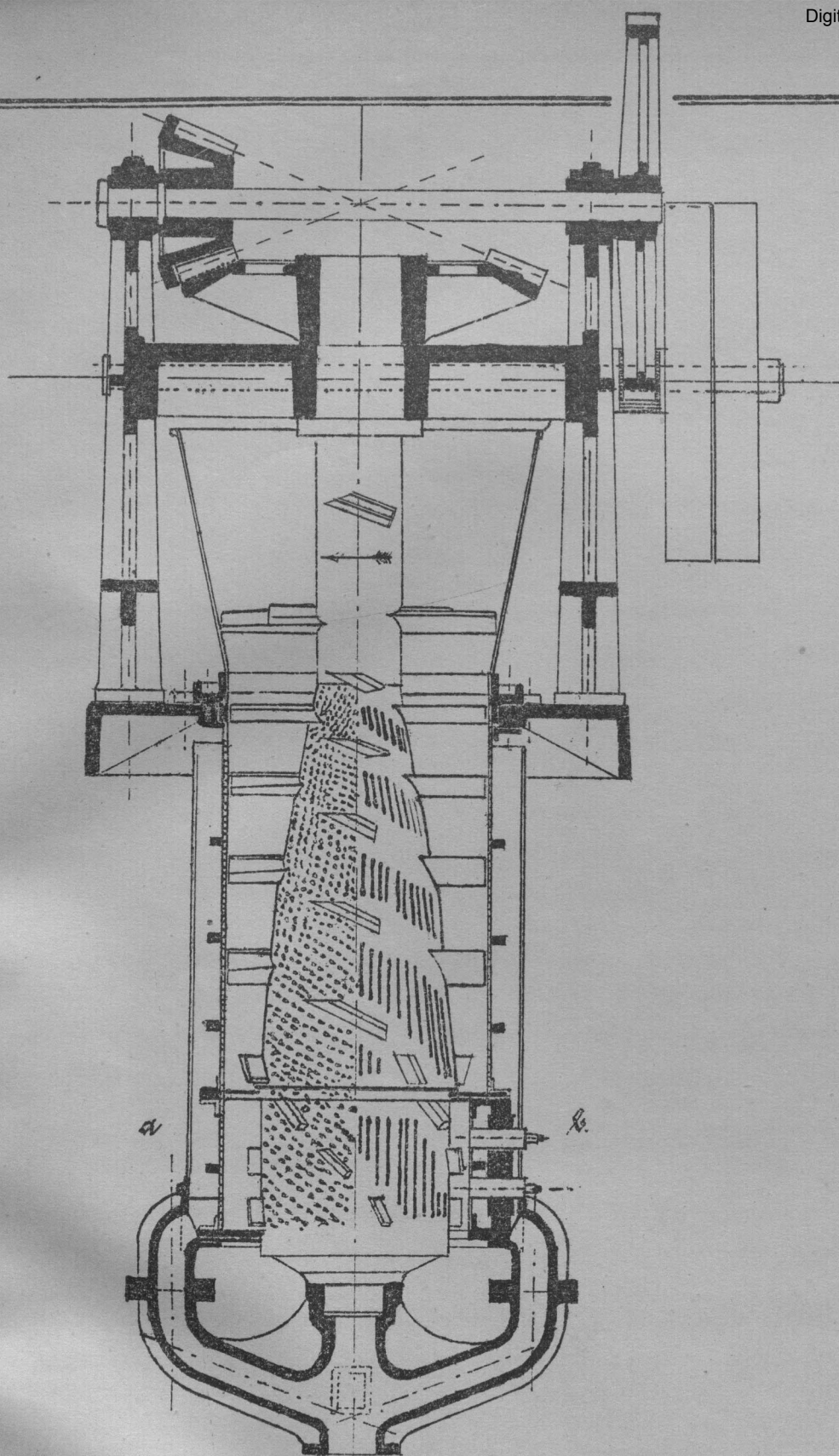
Schnitzelpresse nach Klusemann.



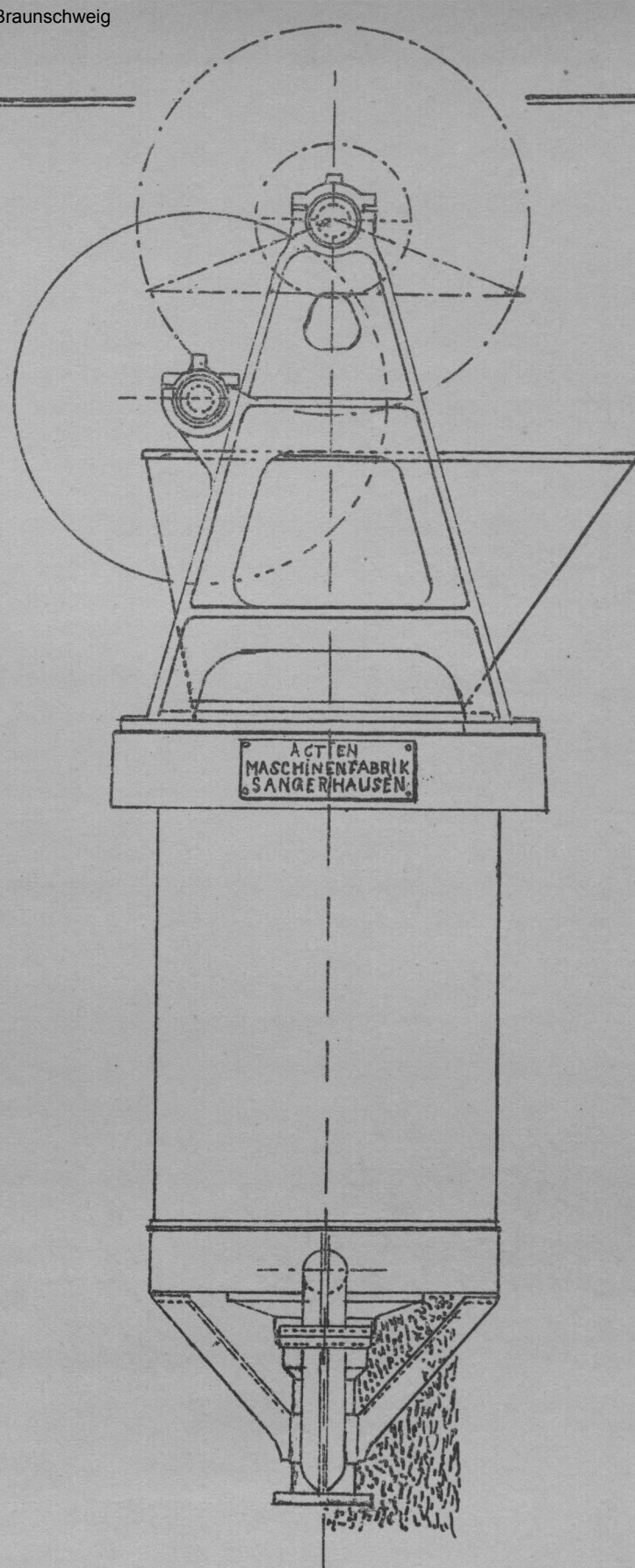
Schnitzelpresse n. Bergreen

ältere Construction.

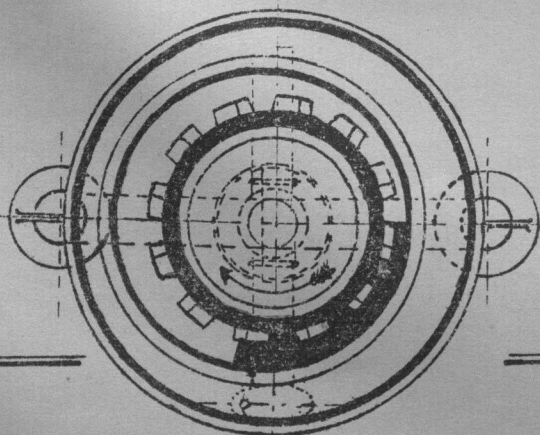




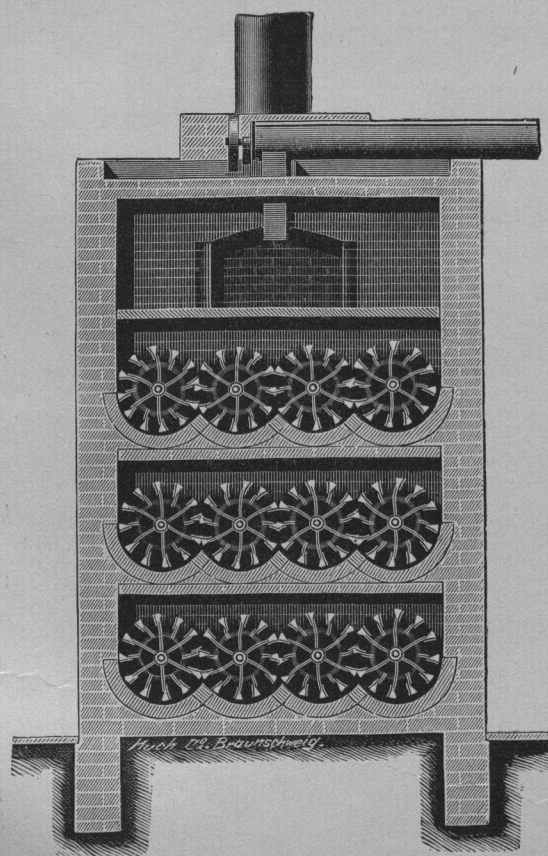
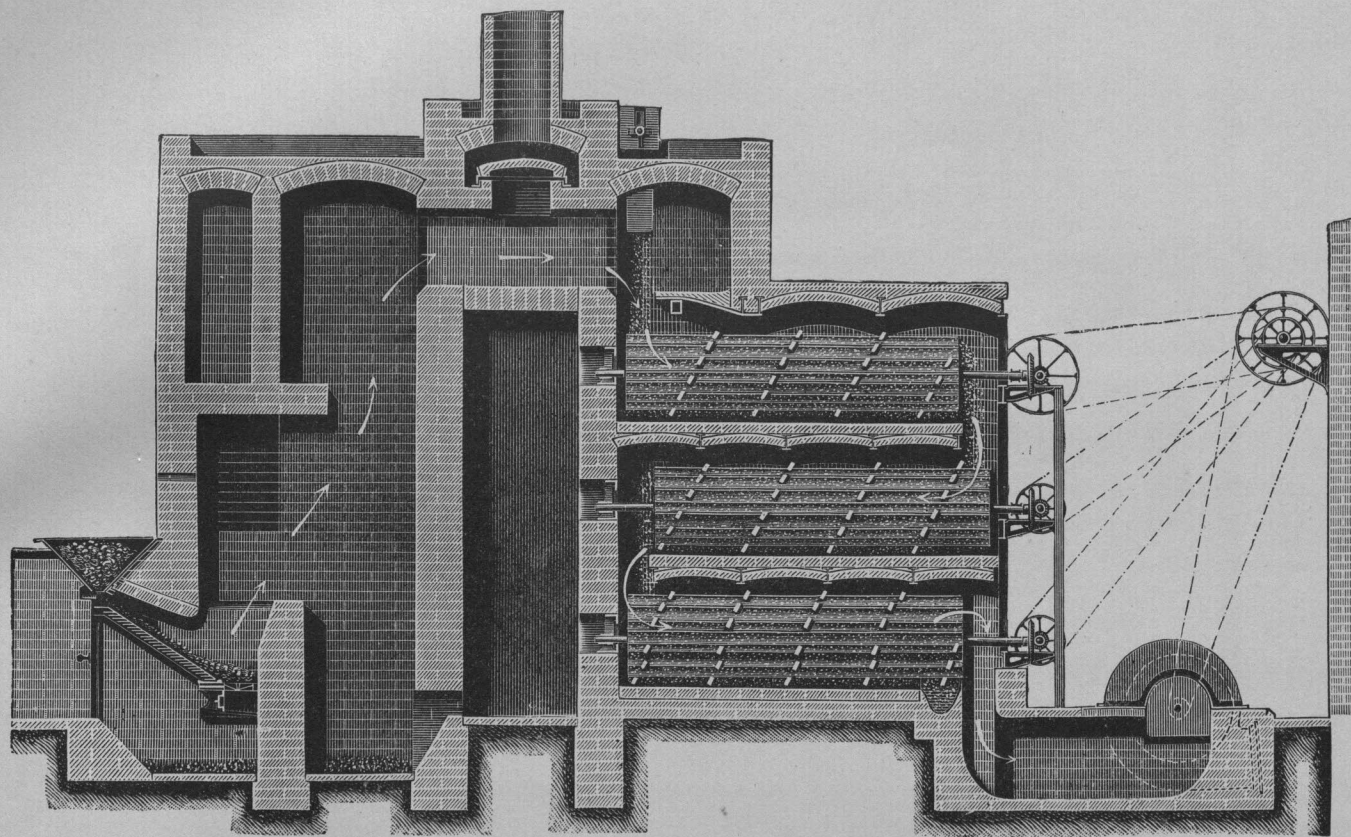
Schnitt a-b.



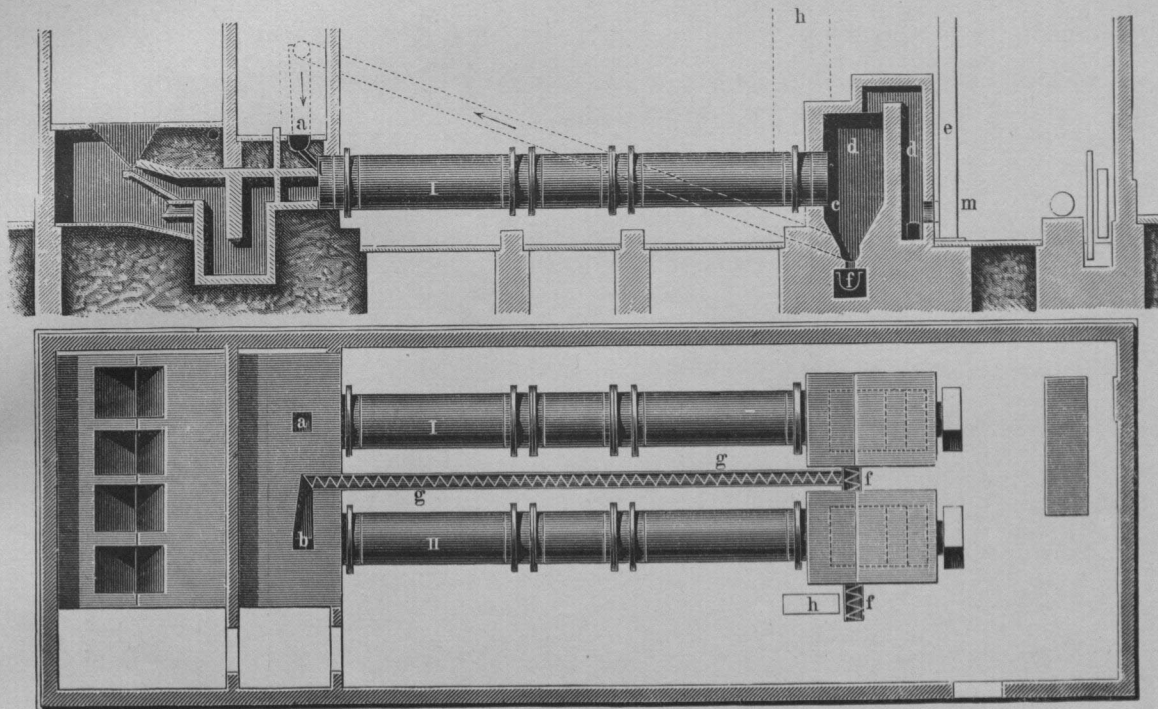
Bergreen's Zellen-Schnitzpresse. D.R.G.



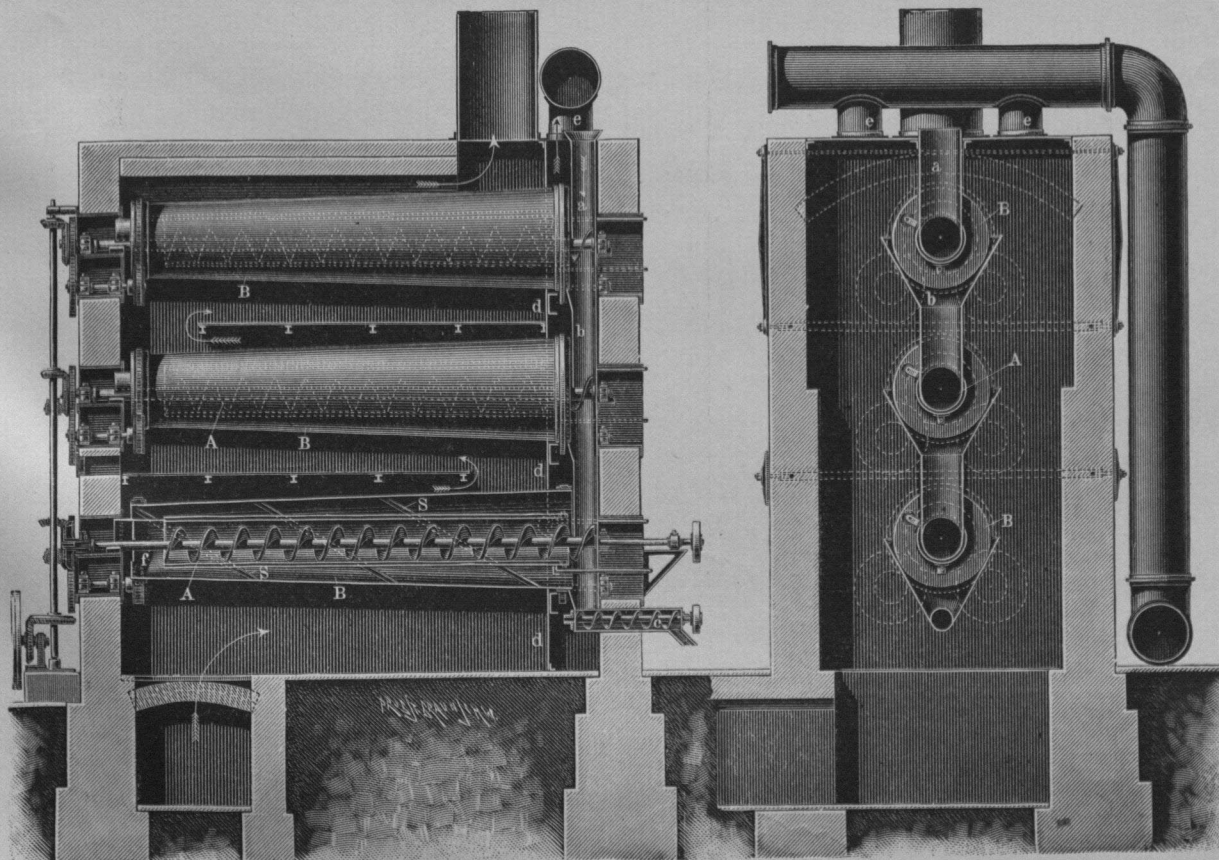
Schnitzeltrocknung nach Büttner & Meyer.



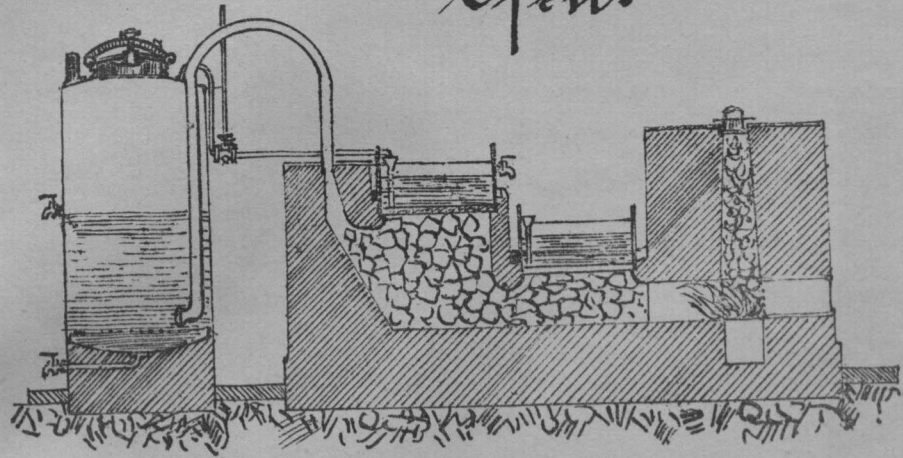
Schnitzeltrocknung nach Mackensen.



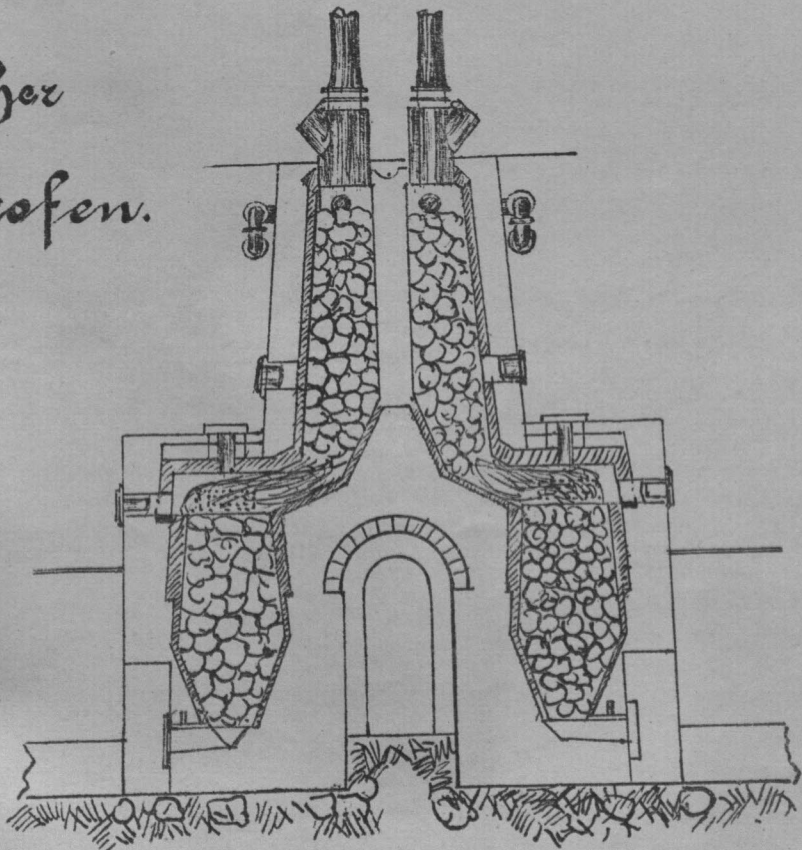
Schnitzeltrocknung nach Dippe.



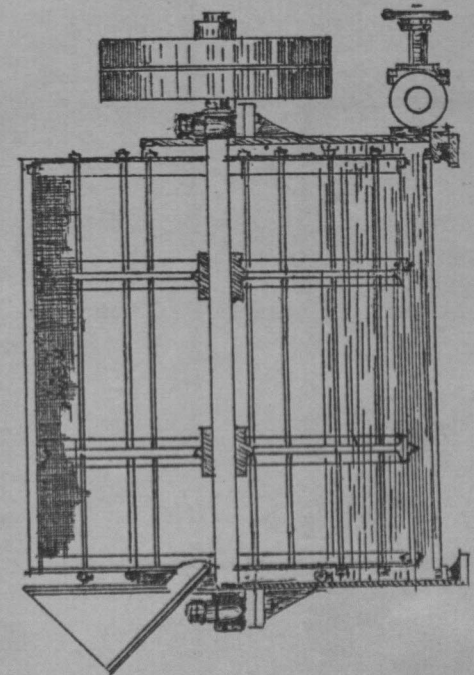
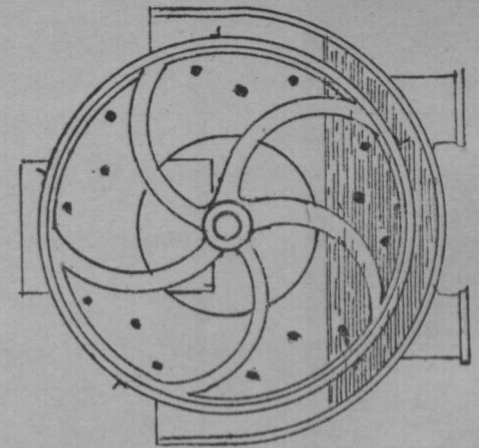
Kindler'scher Kohlensäure-
Ofen.

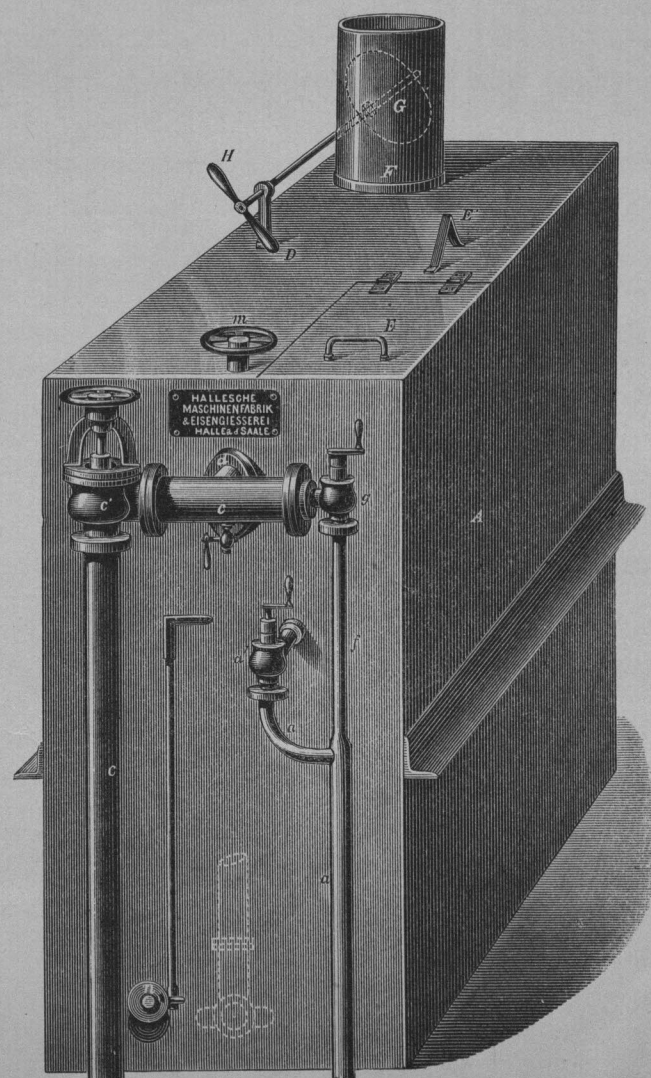
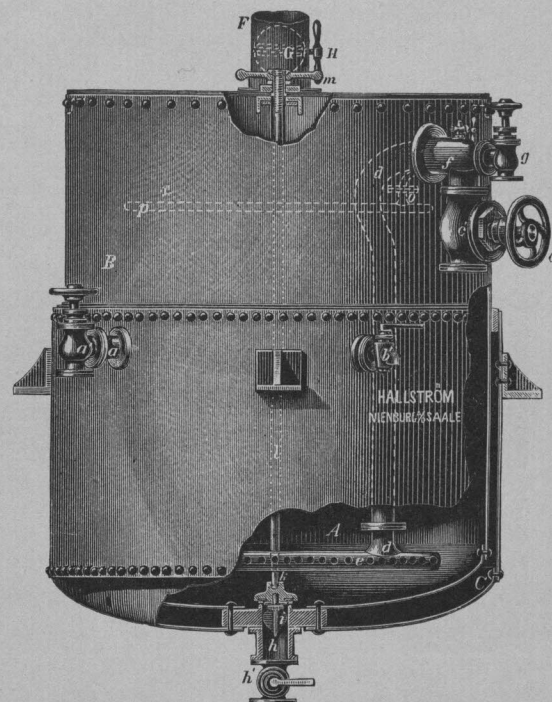


Continuirlicher
Etagen Kalkofen.

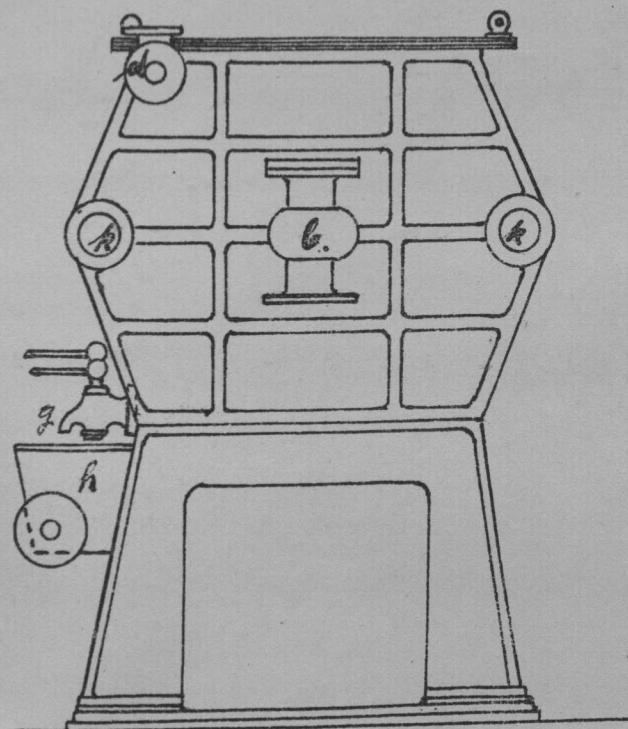
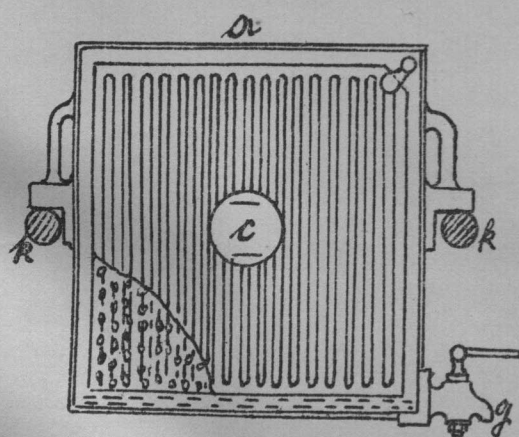
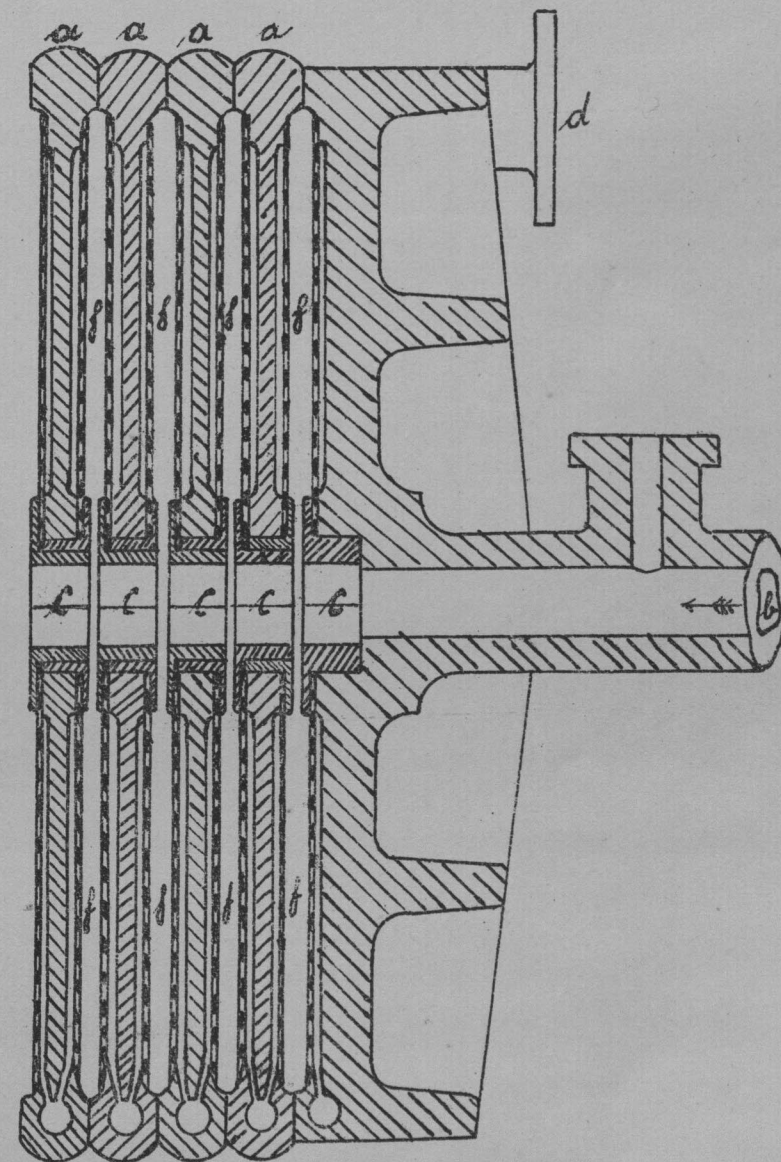
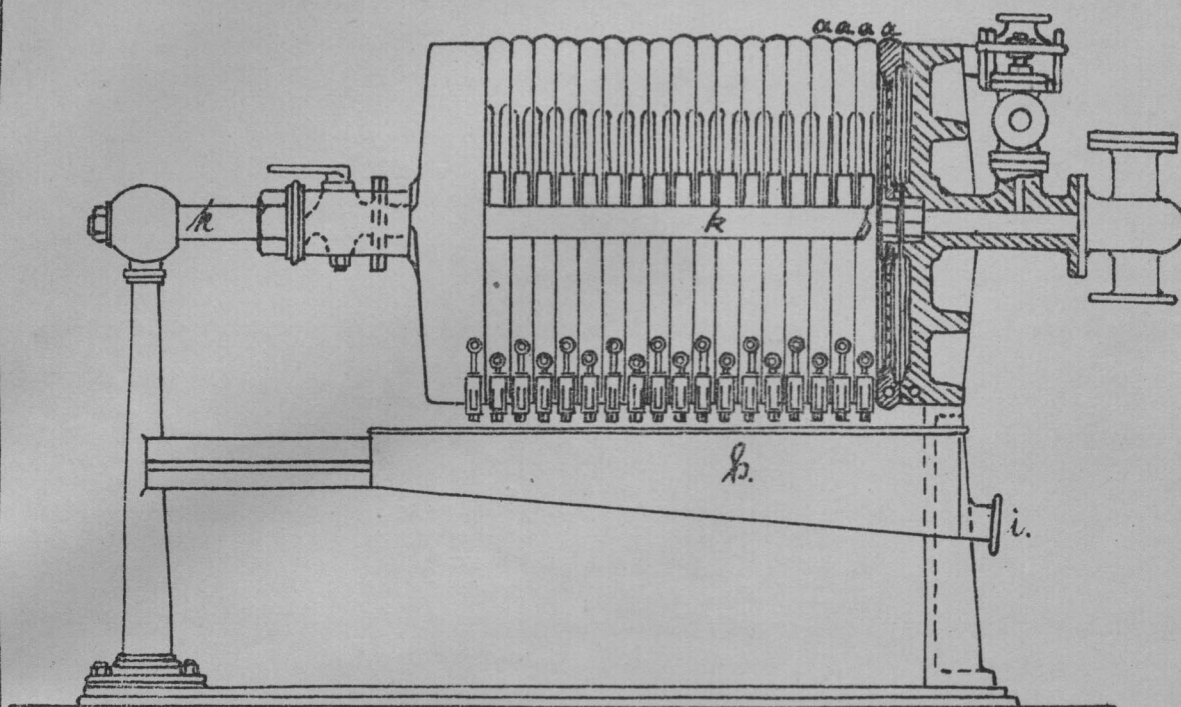


Füllerpressoch Kamm-Aussüßer. (Melassew.)



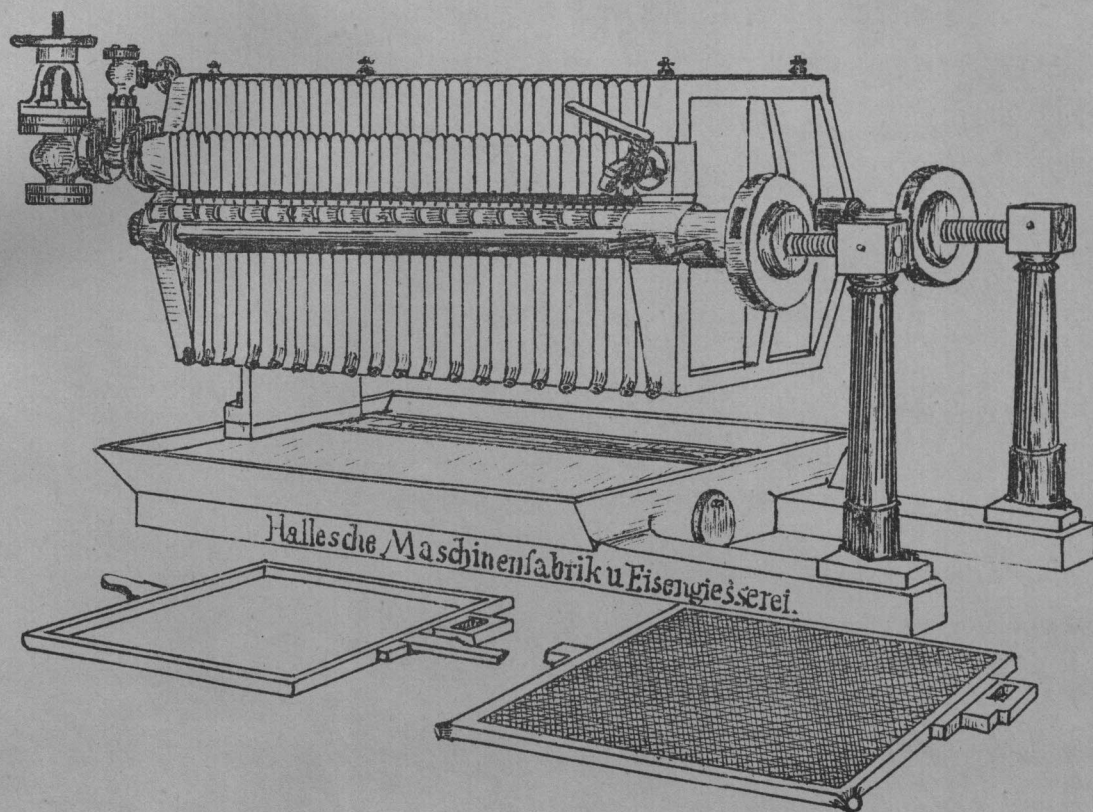


Füllerpresse. Kammerpresse

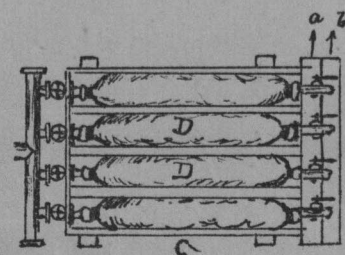
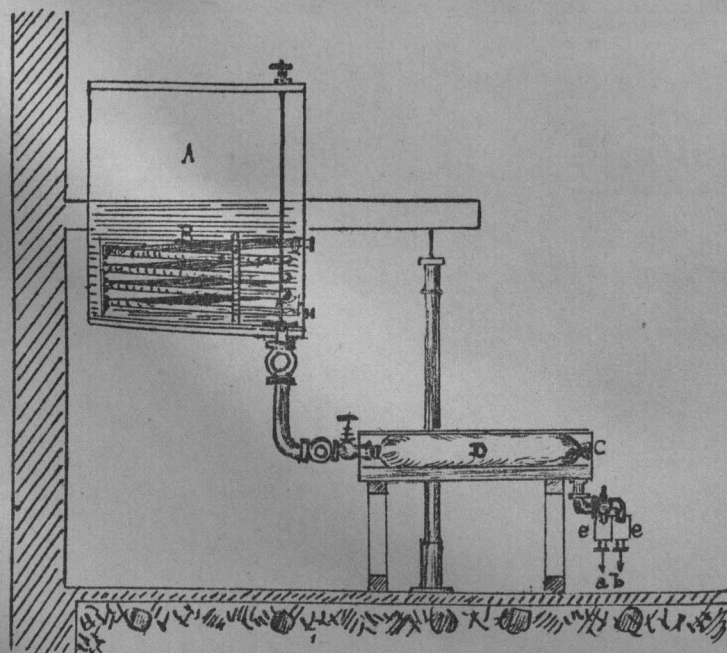


(Hammerpresse.)

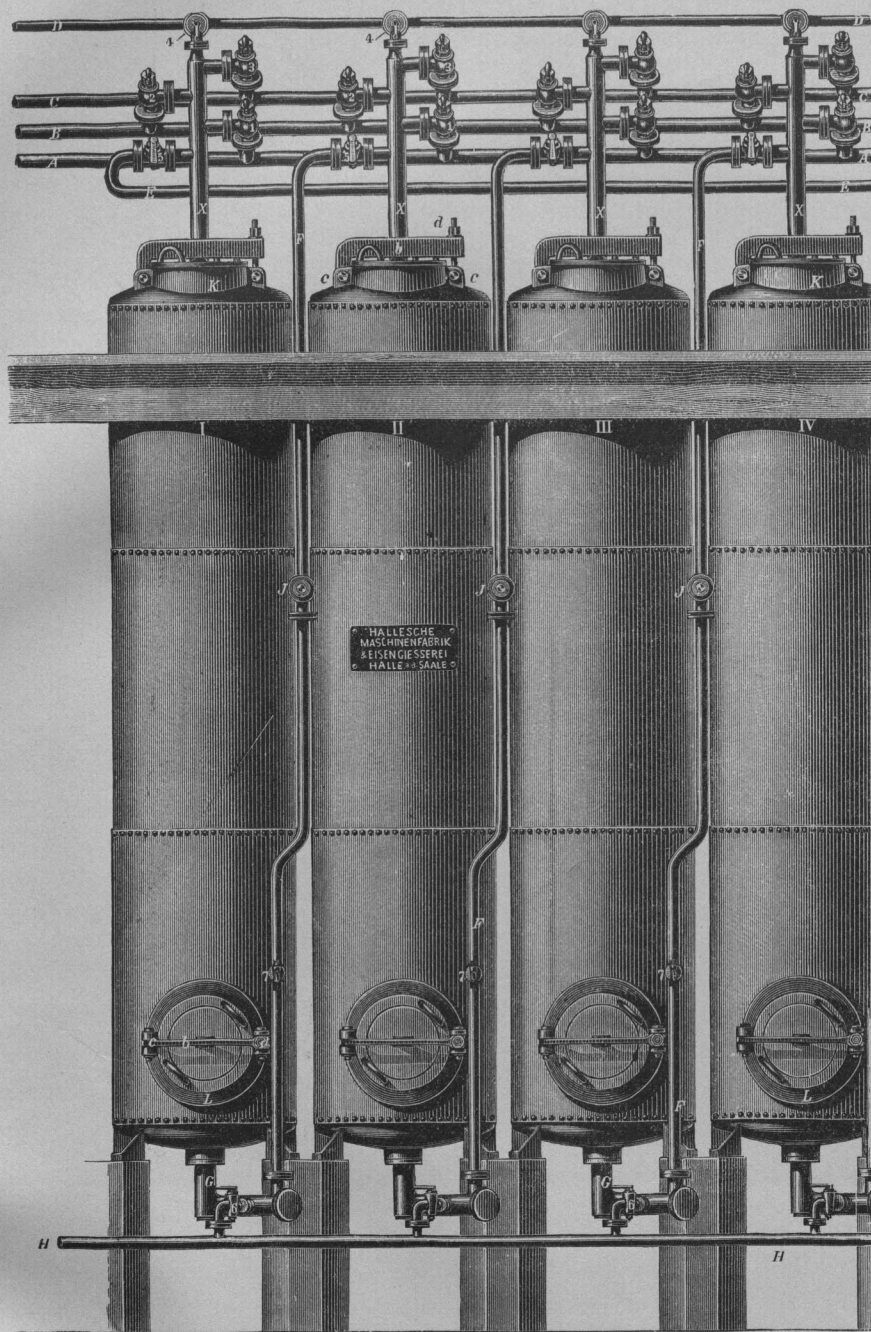
Eisene Filterpresse mit seitlichem Durchgang
und Rahmen zum Herausnehmen.



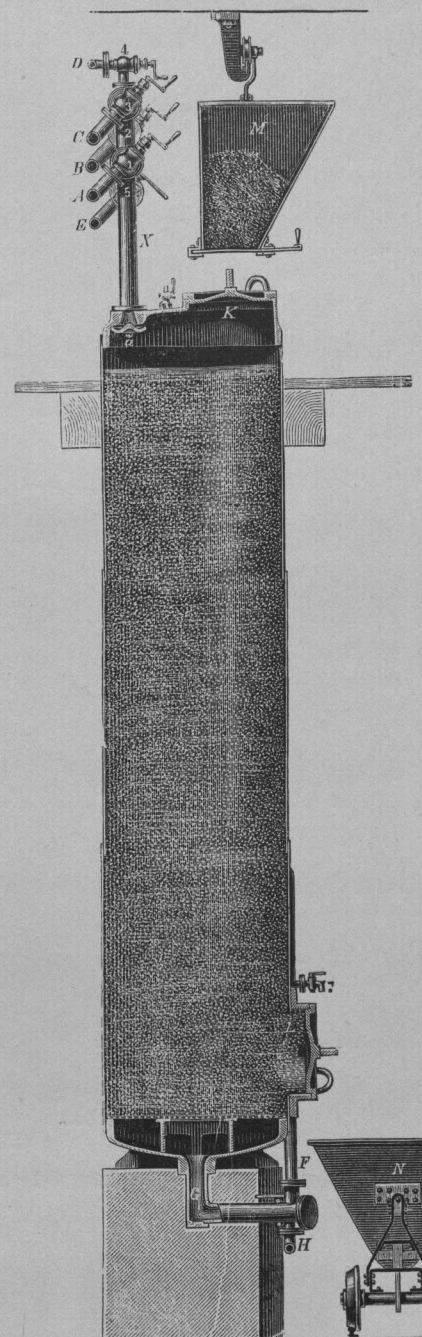
Puvrez's Rinnenfilter.



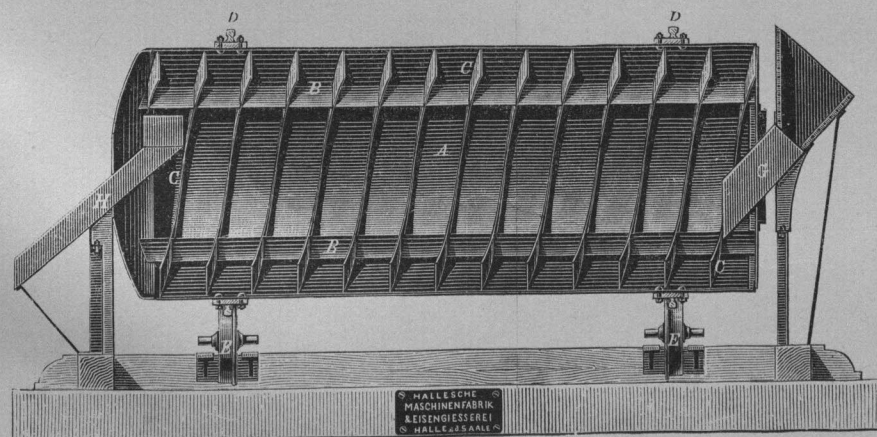
Filter-Batterie für Knochenkoble.



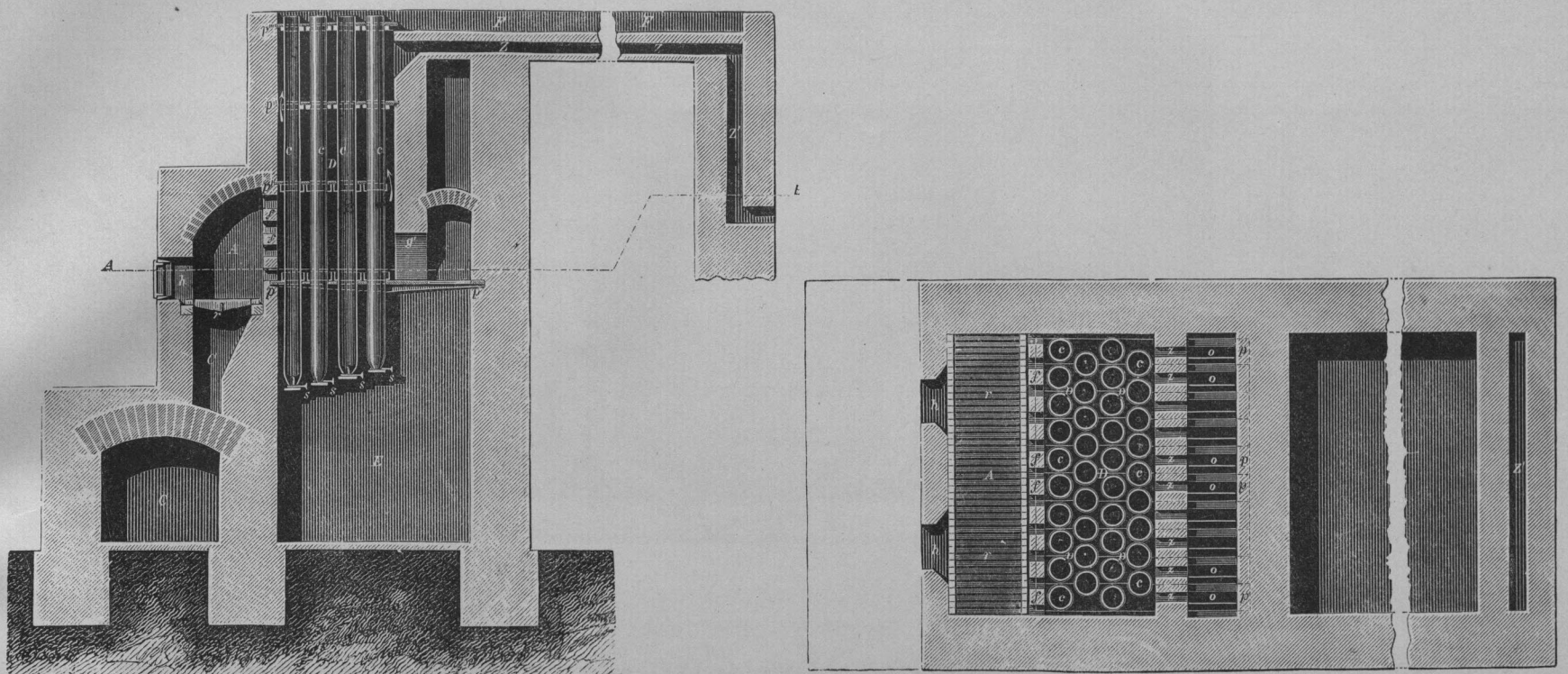
A. PROBST. K. A.



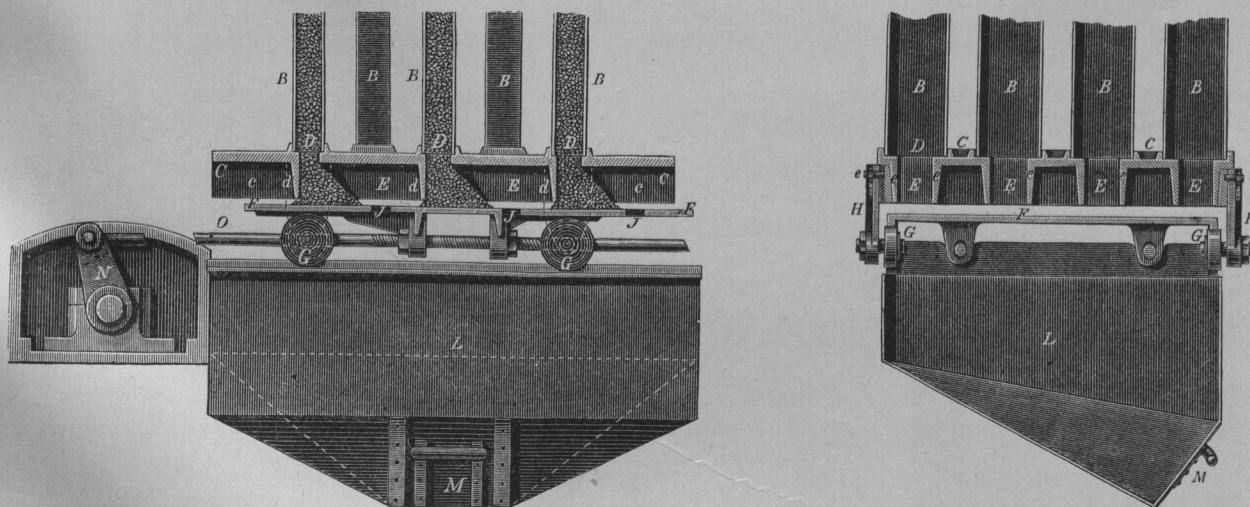
Kohlenwäsche.



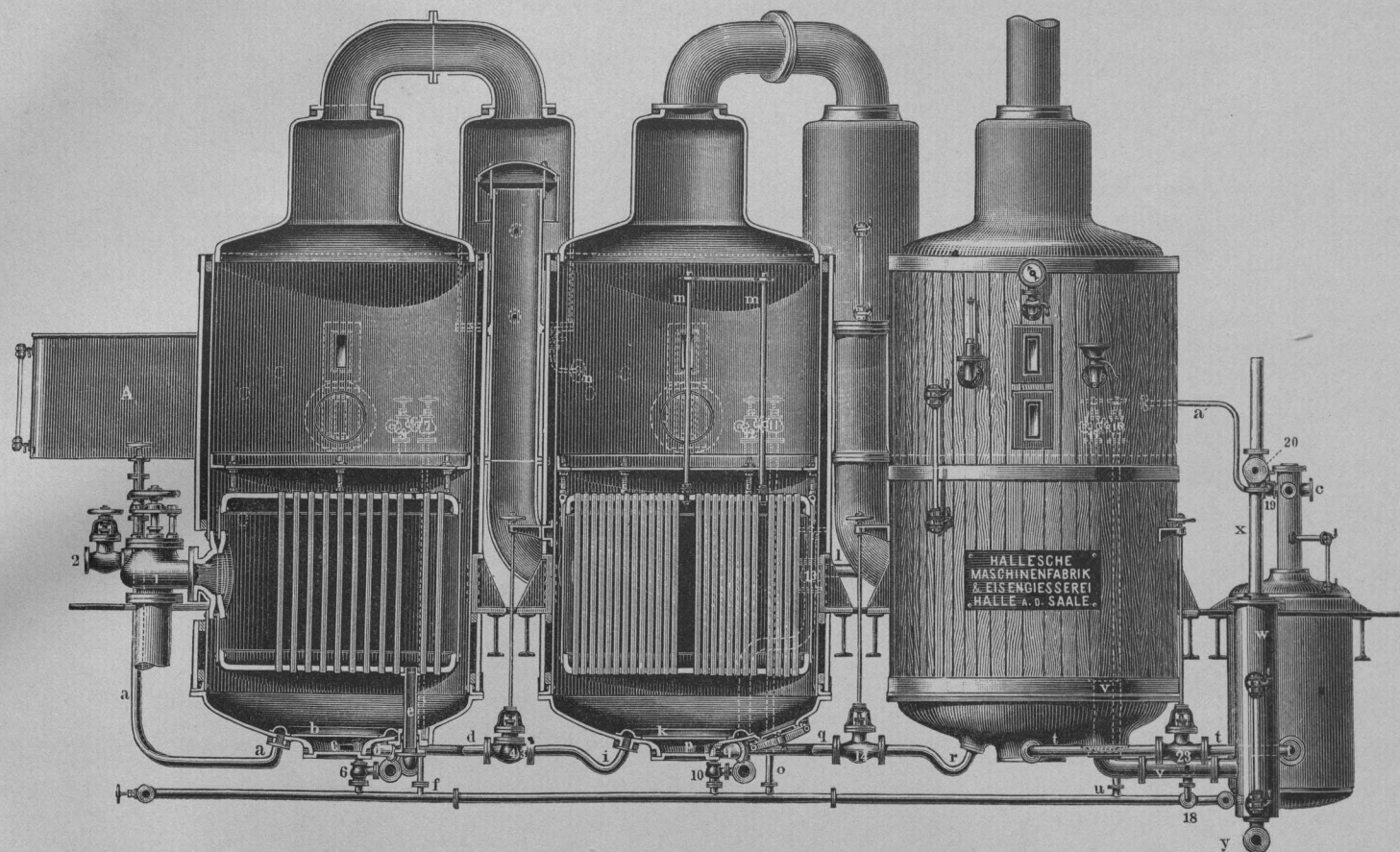
Schatten's Glühofen für Knochenkohle.



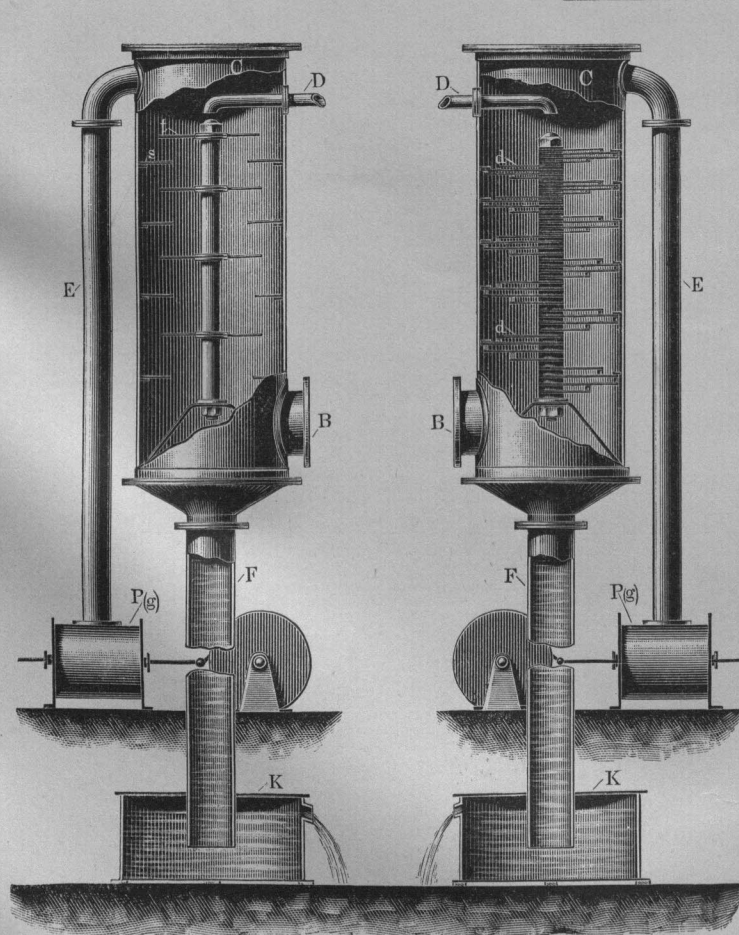
6. Langen's mechanische Entleerungsvorrichtung.



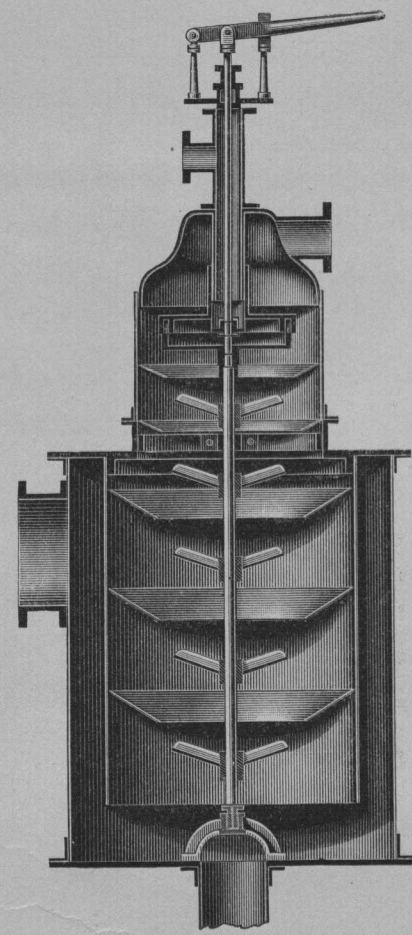
Drei Körper-Apparat.



Kondensatoren

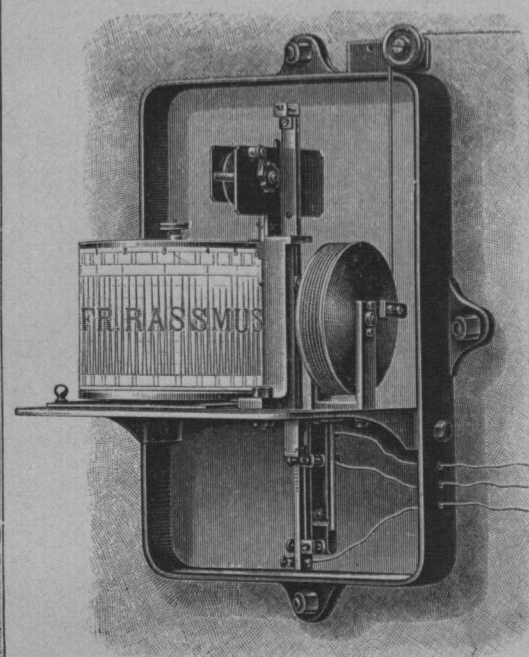
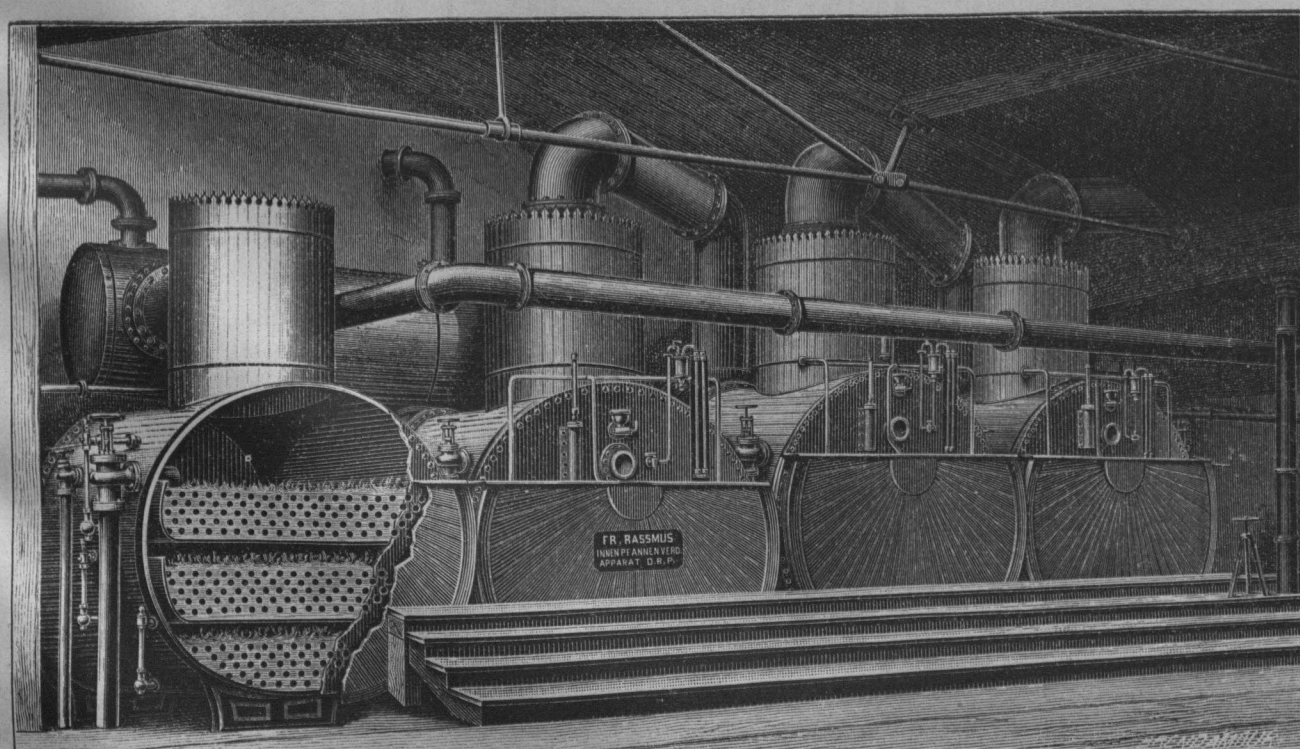
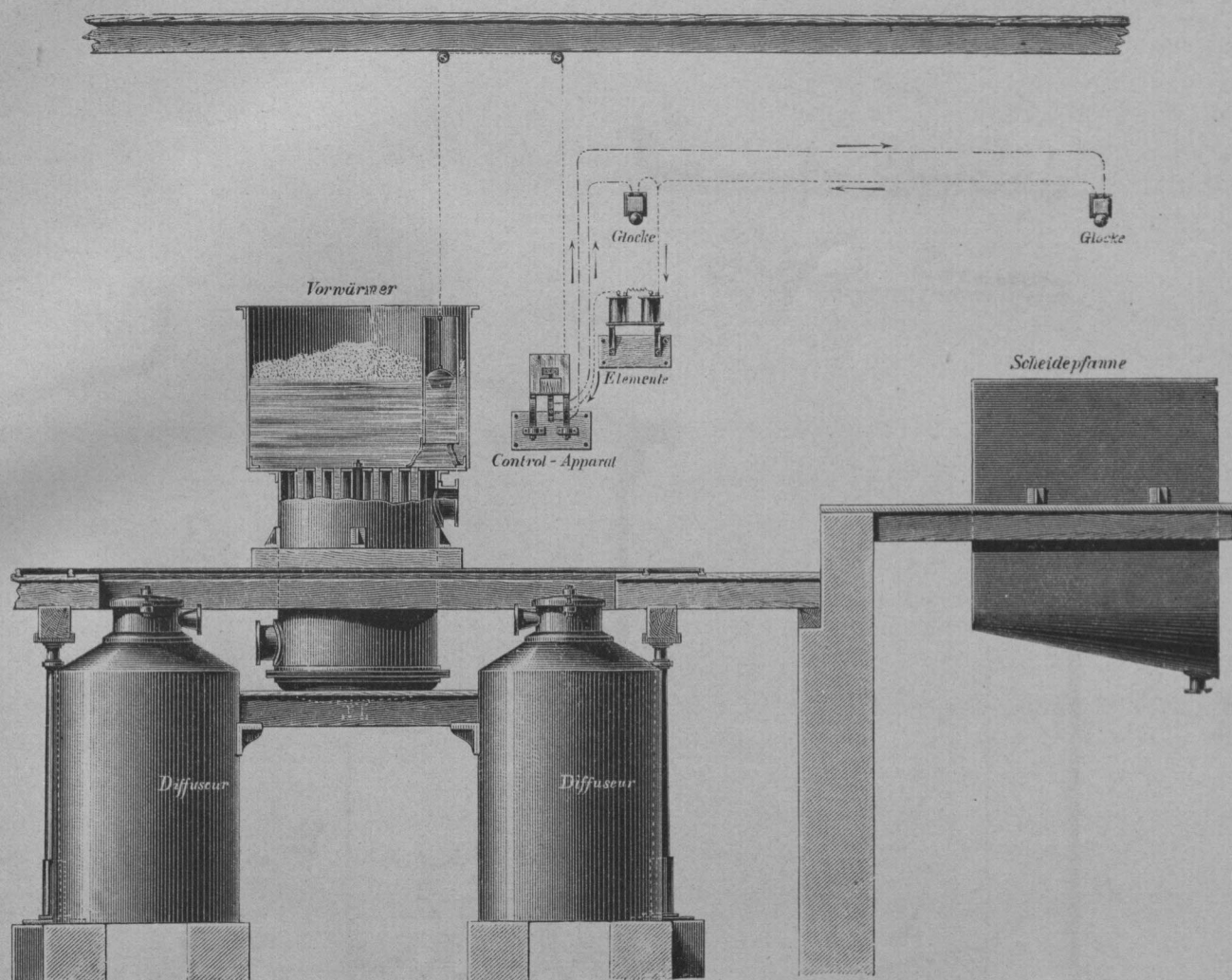


nach Schwager.



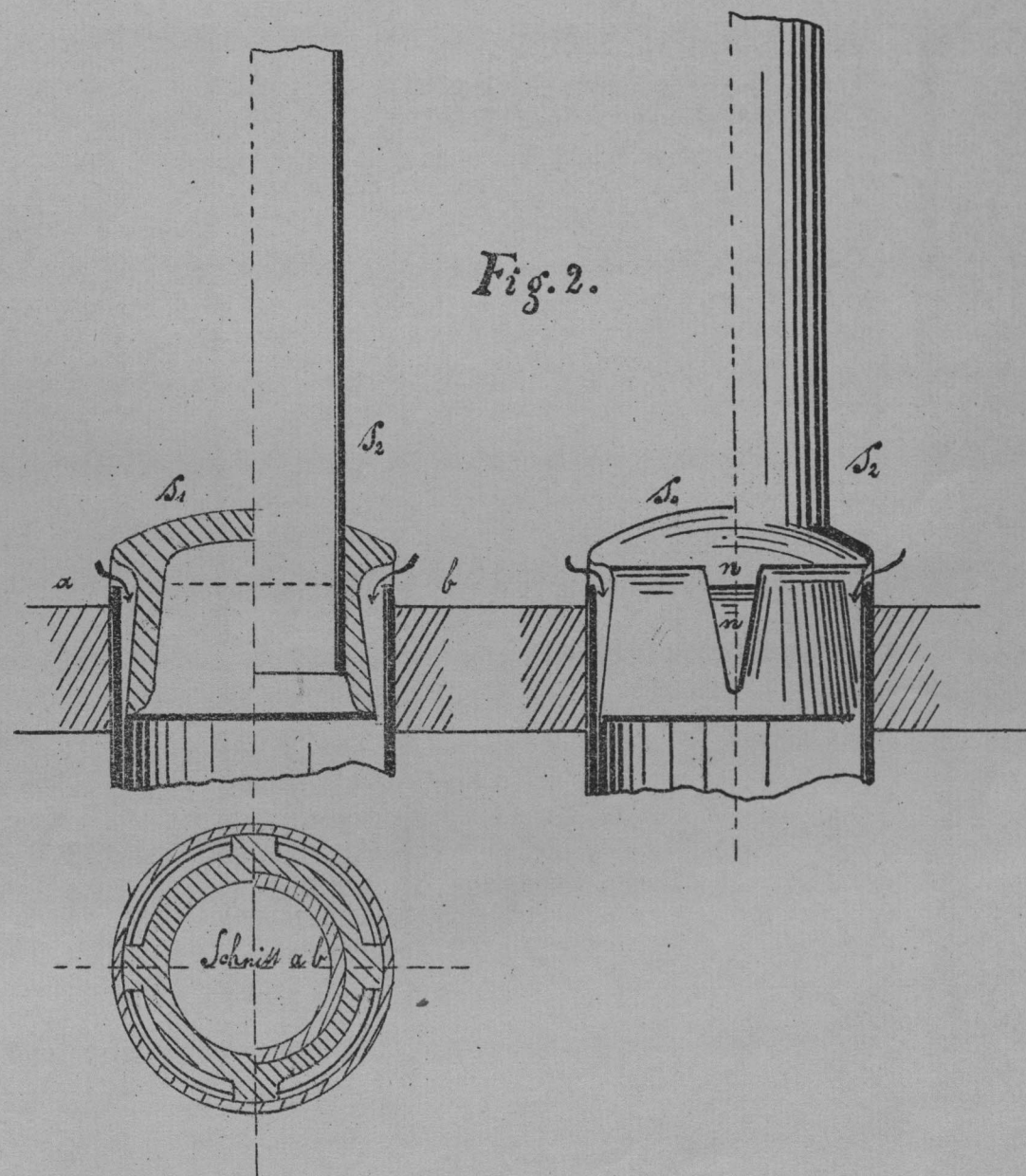
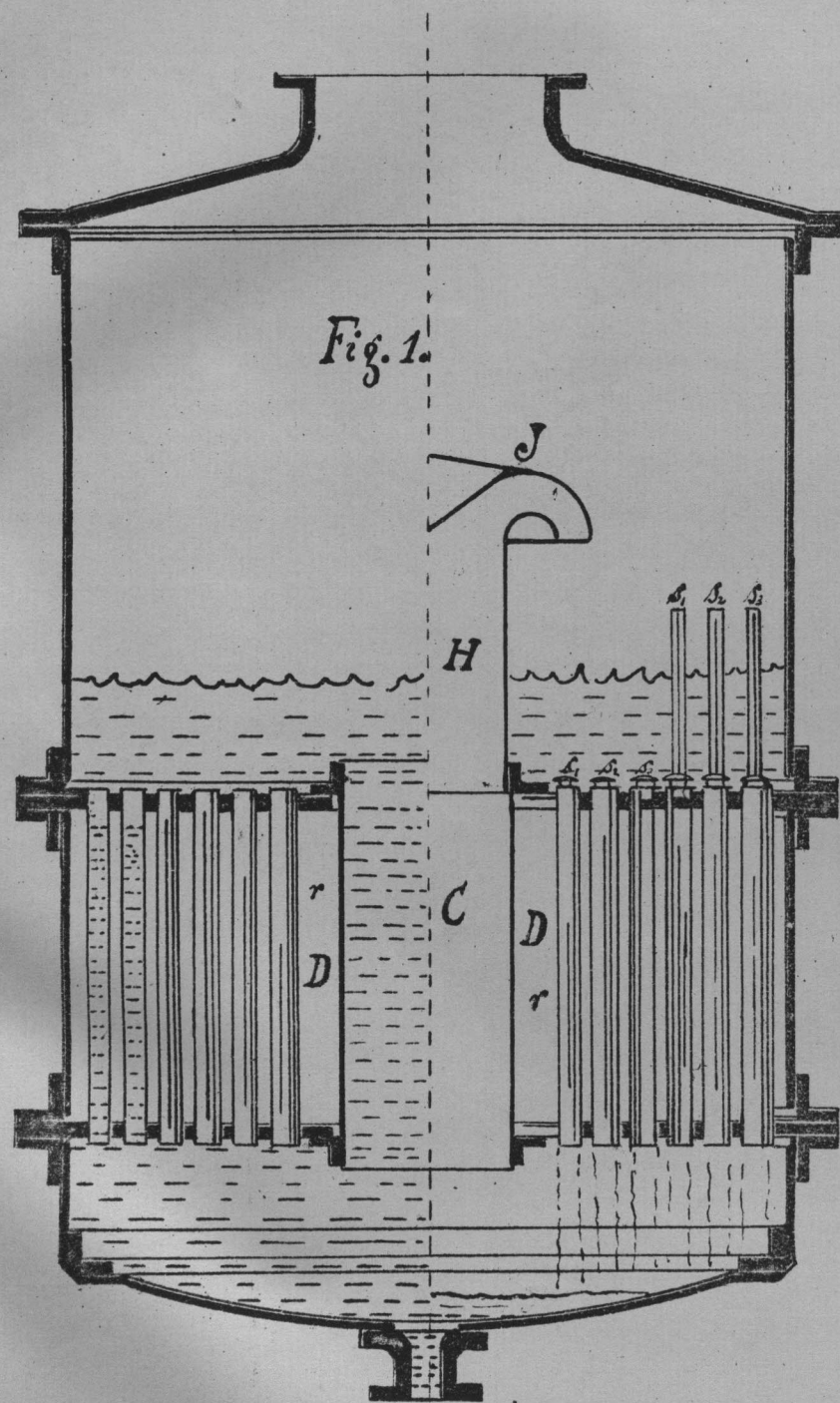
nach Kettler.

Automatischer Control-Apparat (Rasmus).



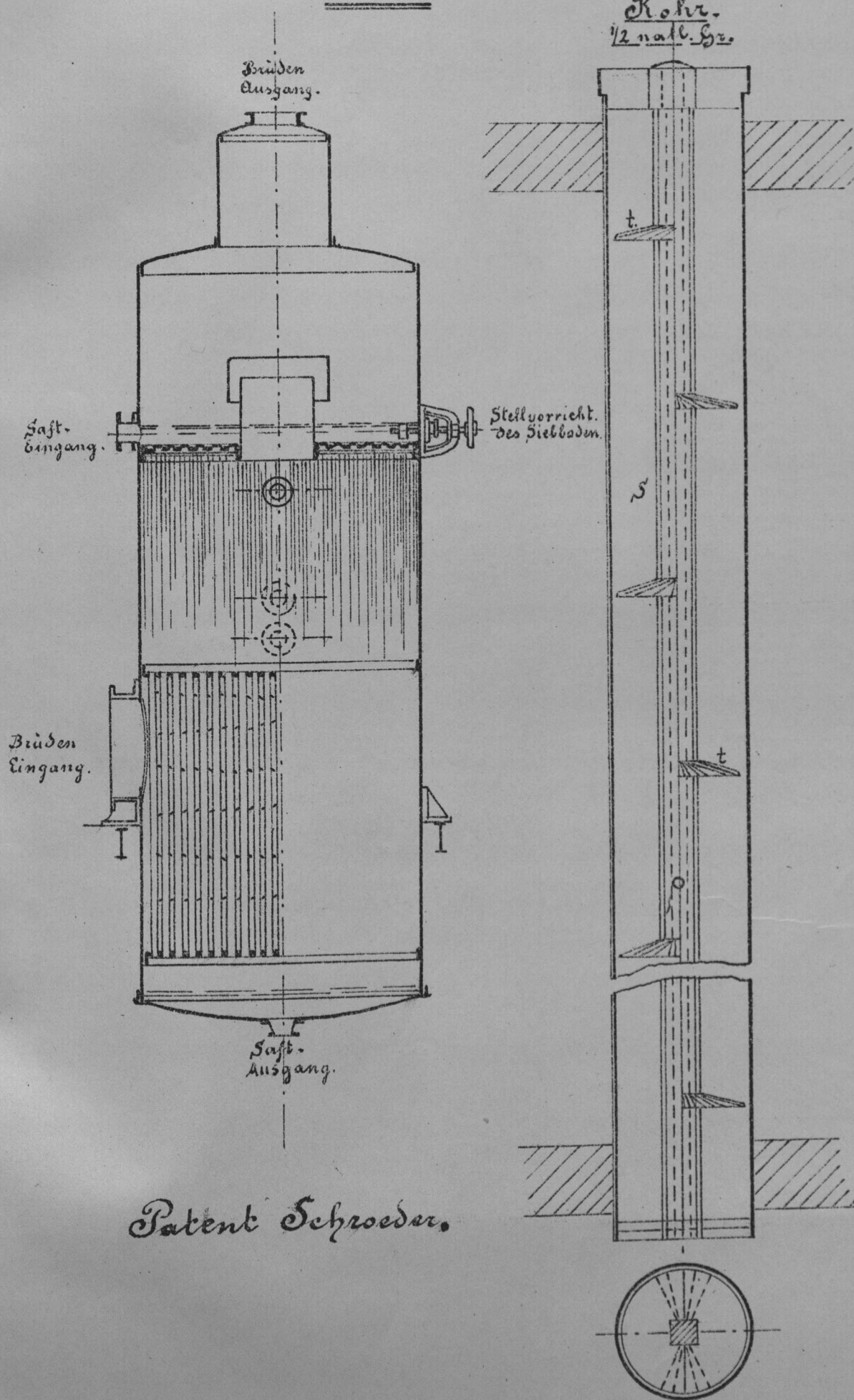
Innenpfannen-Verdampf-Apparat nach Müller.

Verdampf - Apparat.
Patent Greiner.



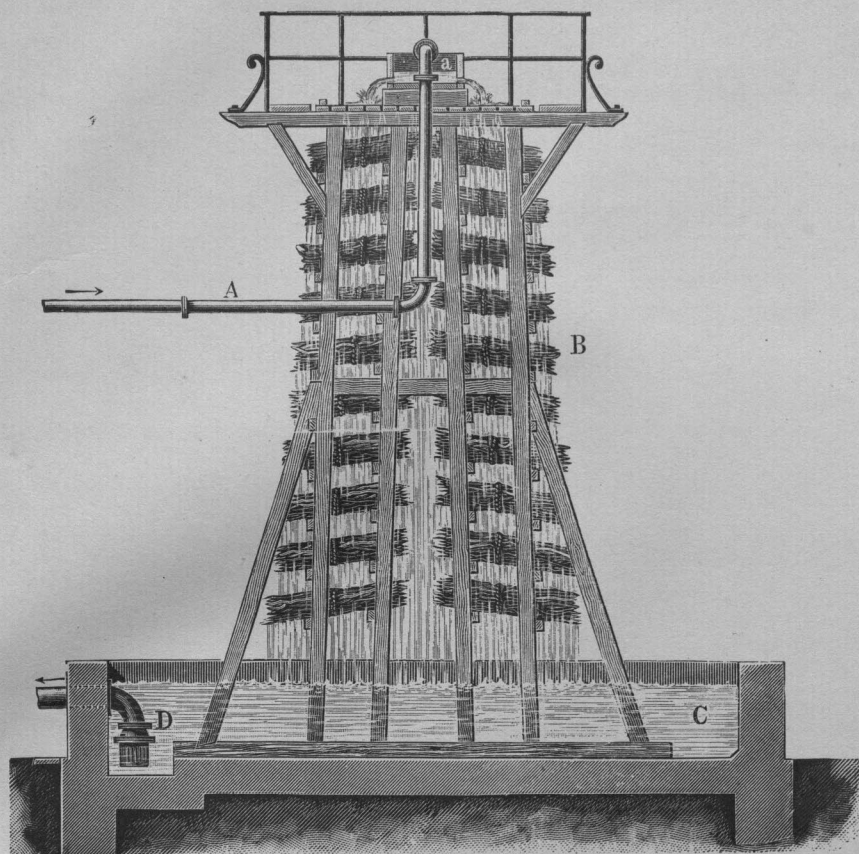
Riesch-Verdampf-Apparat.

D. R. P.

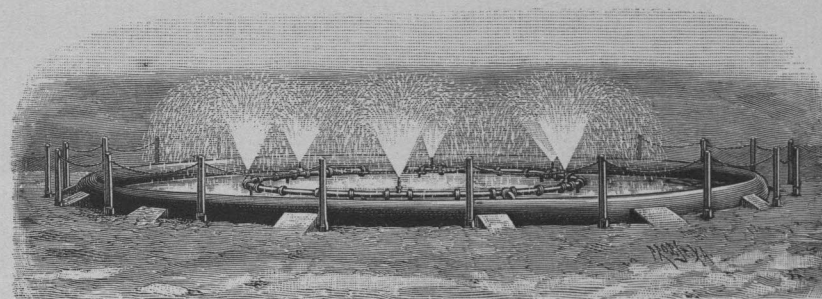


Patent Schroeder.

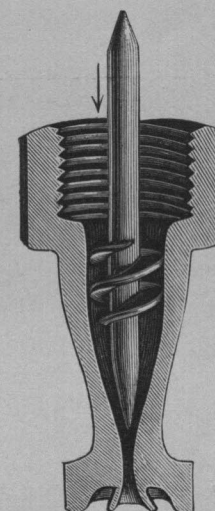
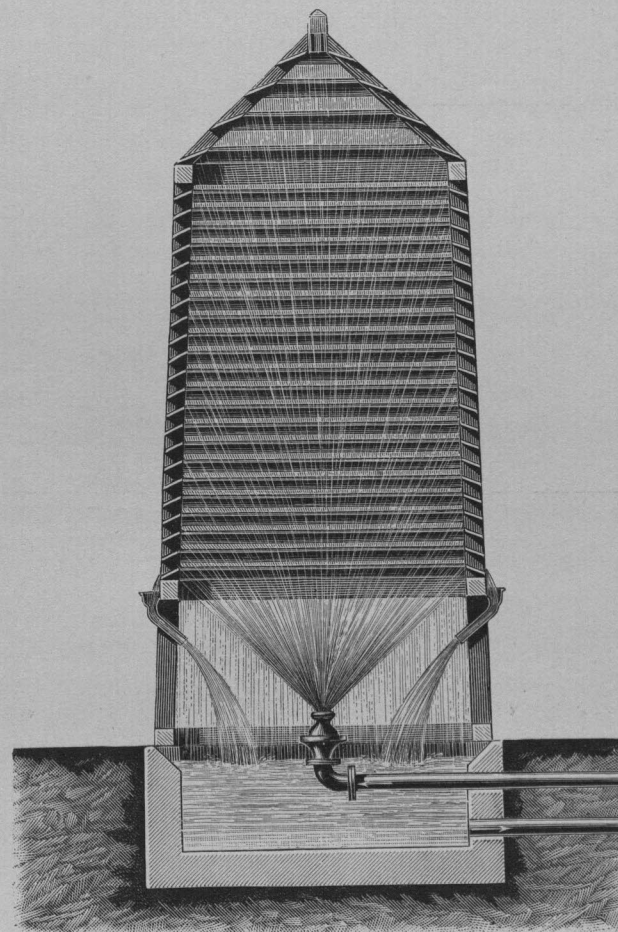
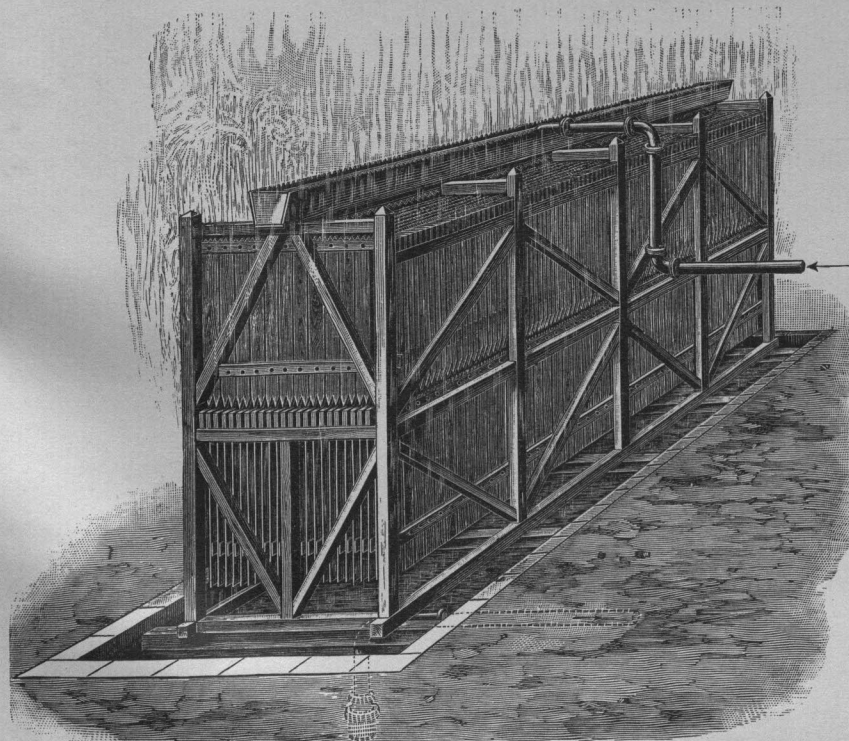
Gradierwerk.



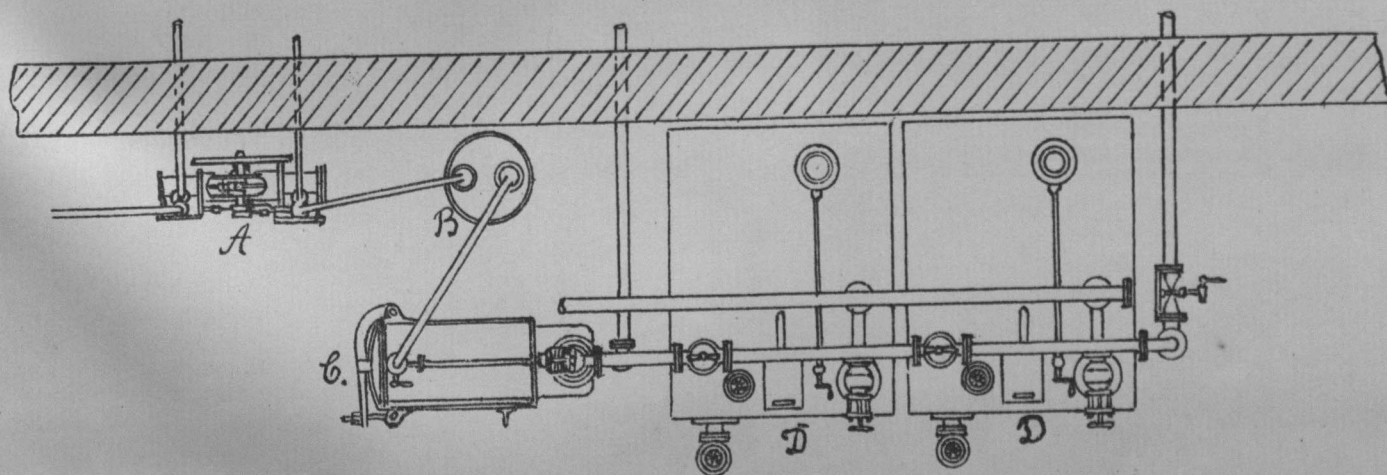
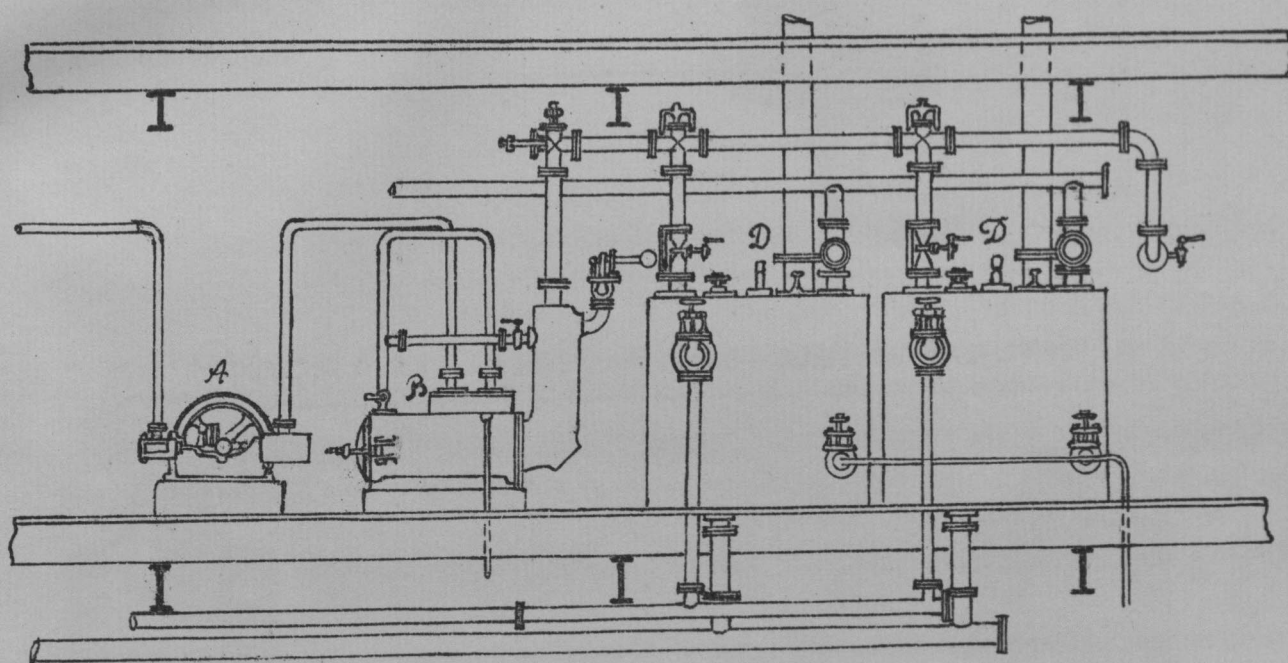
Kühlwerk nach Körting.



Gradierwerk nach Klein.

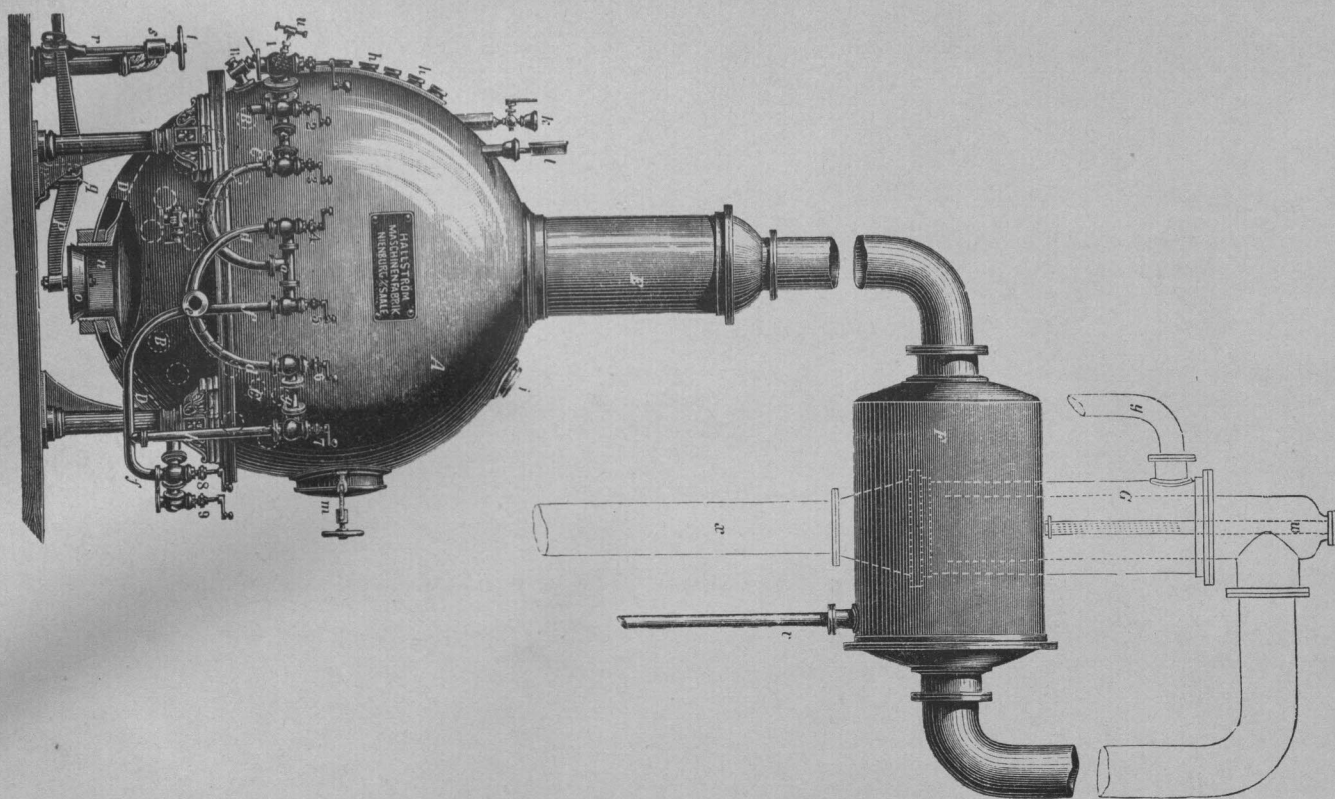


Saturations-Einrichtung
für
schwefelige Säure
der
Braunschweigischen Maschinenbau-Anstalt.

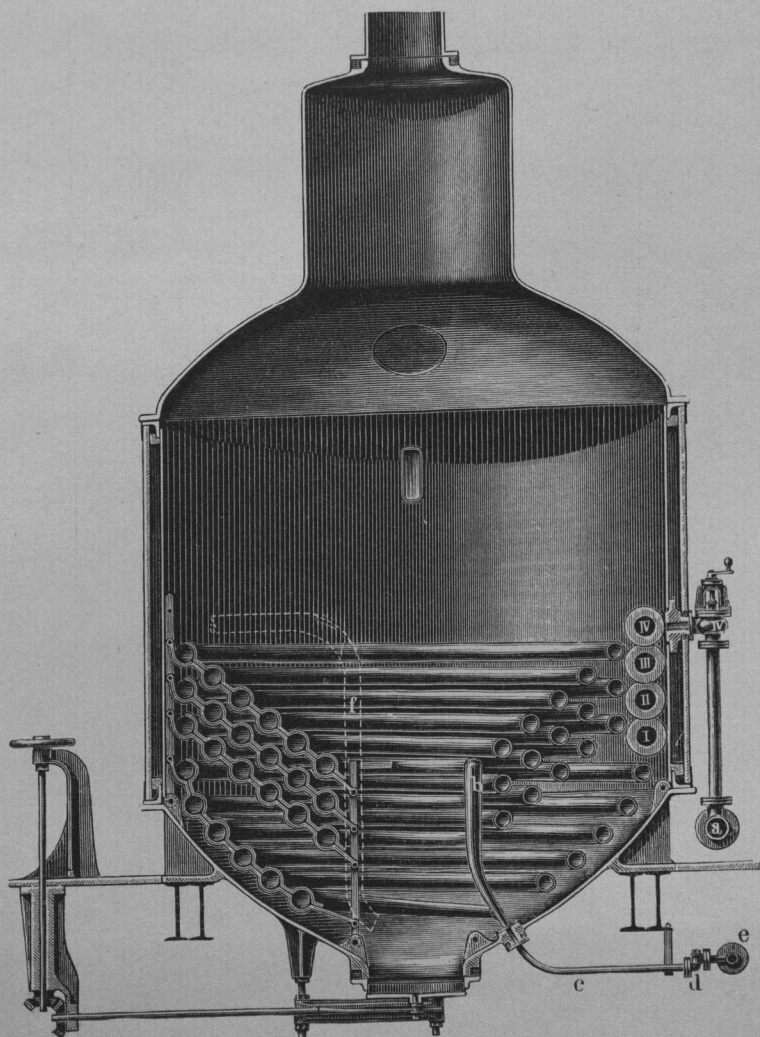


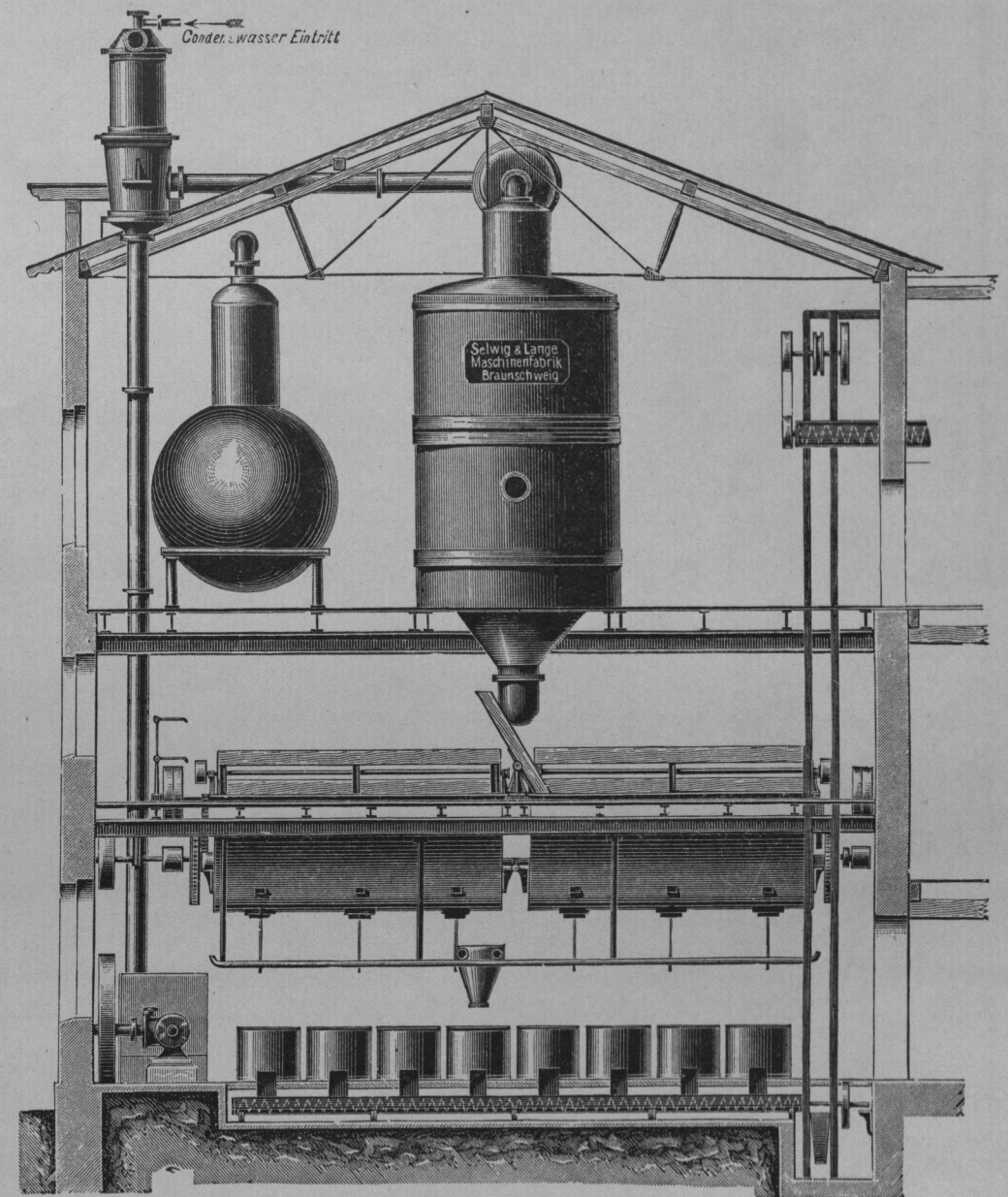
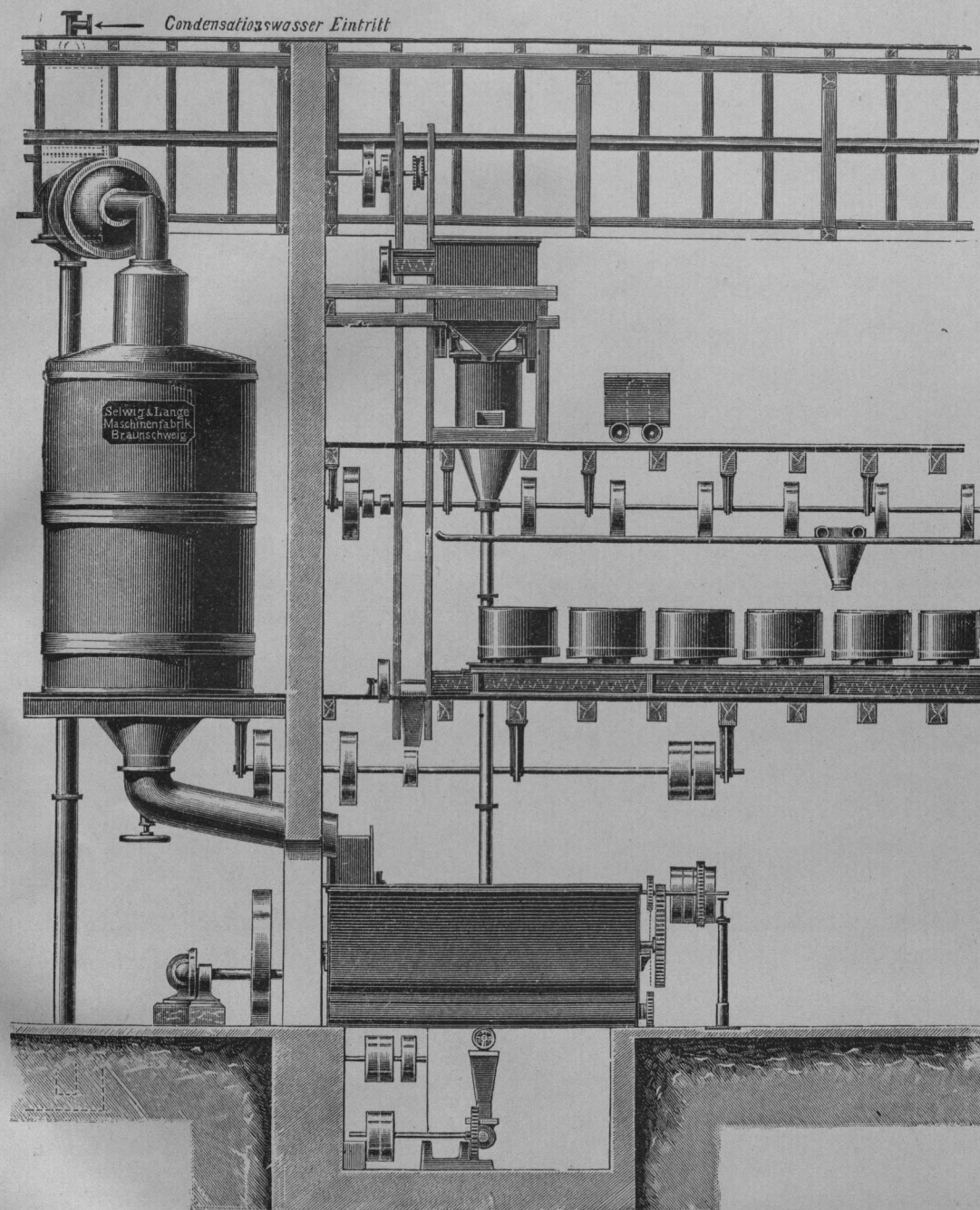
Macrum mit Saftfänger

Hodder.



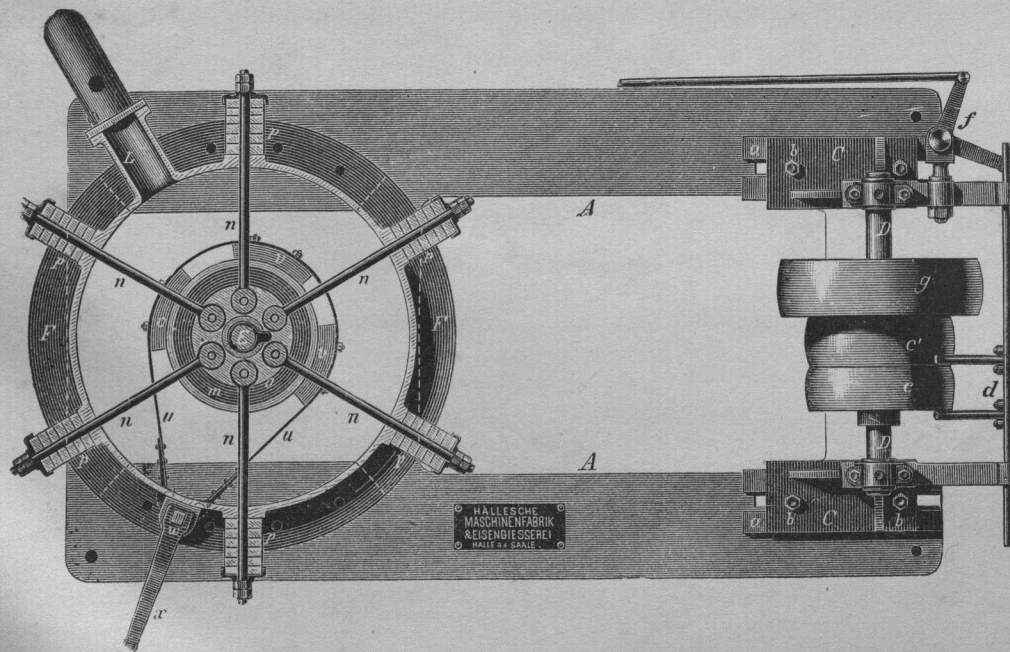
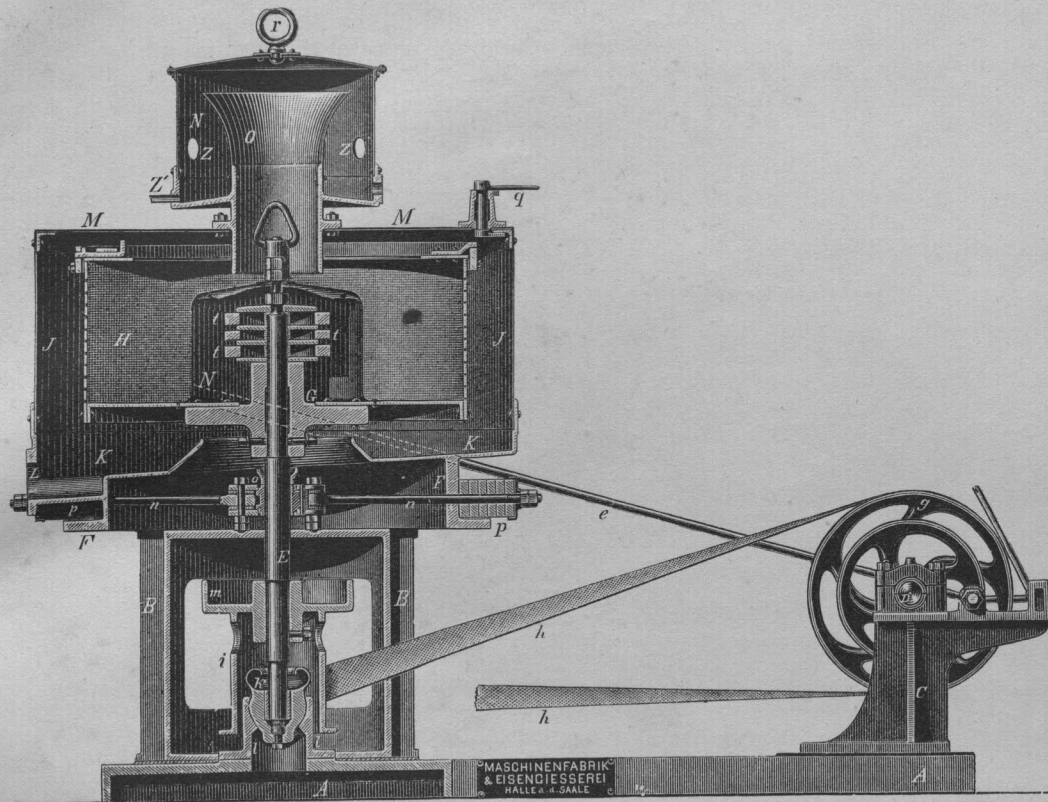
Vacuum mit 4 Heizschlangen.





Sudmaischen-Anlagen
mit und ohne Füllmassepumpe.

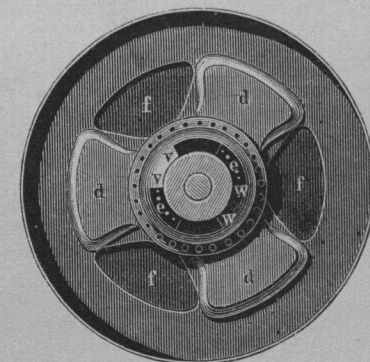
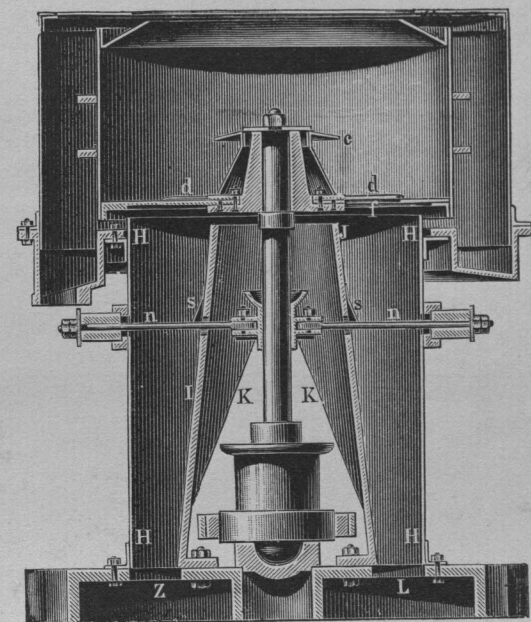
Centrifuge nach Fesca.



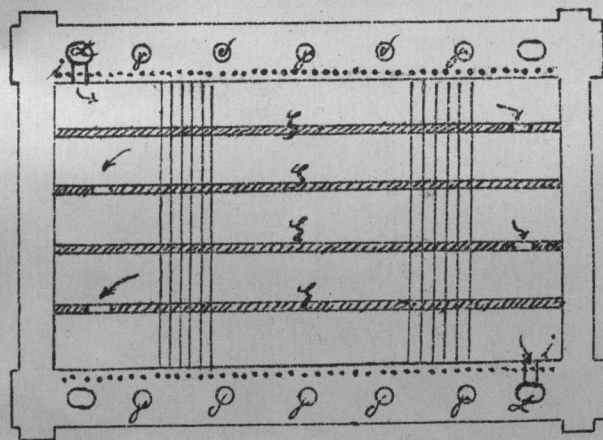
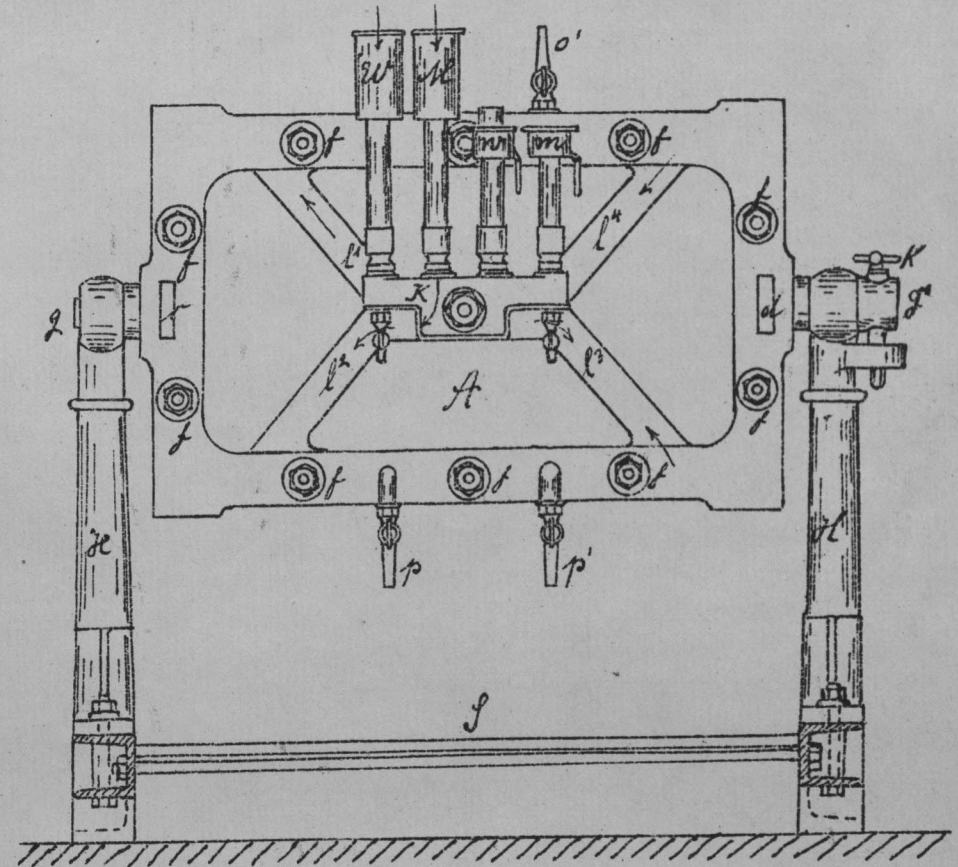
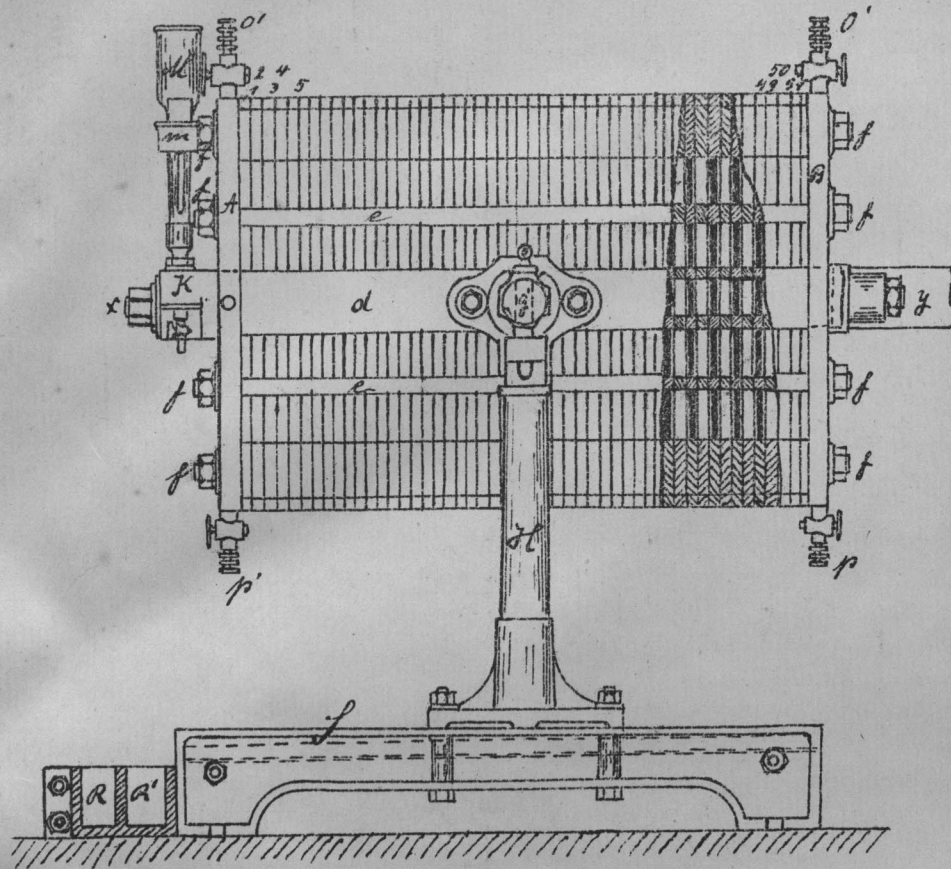
Centrifuge

mit

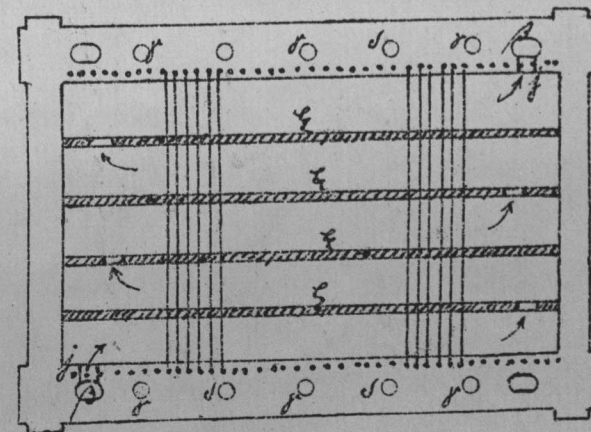
unterer Entleerung.



Osmose-Apparat.



Wasser-Kammer.



Melasse-Kammer.

